Table S1. Summary of the filtering criteria. False positive rate was fixed to be less than 0.05 and minimum *Delta Cn* was 0.1.

Table S2. Comparison of identification results with other works.

Table S3. Summary of non-redundant proteins identified under the criteria in Table S1.

Table S4. Summary of unique peptides corresponding to the non-redundant proteins in Table S2.

Table S5. Overlap anaylsis of the 60 fractions.

Table S6. Overlap anaylsis of the 20 SCX fractions. Each SCX fraction was combined by the three fractions eluted from one RP cycle.

Table S1.

Miss Cleavage Site	Charge	*Xcorr*	*Delta Cn*	Peptides From Normal Database	Peptides From Reversed Database	FPR (%)[a]
0	1	2	0.1	4406	99	4.40%
1	1	2.45	0.1	388	7	3.54%
2	1	2.4	0.1	4	0	0.00%
0	2	2.15	0.1	93302	2224	4.66%
1	2	2.75	0.1	14357	348	4.73%
2	2	3.45	0.1	369	9	4.76%
0	3	2.9	0.1	18774	426	4.44%
1	3	3	0.1	30582	695	4.44%
2	3	3.9	0.1	1433	33	4.50%

[a] FPR(%) was calculated as described in the main text.

Table S2.

	This Work[a]	HUPO(ref 51)	Qian, W. J *et al.*(ref 39)	Liu T *et al.* (ref 37)	Hood *et al.*(ref 38)
Protein Groups Identified	1933	9504	452	3654	1057
Size of Raw Dataset	60 raw files	18 datasets	470000 MS/MS spectra from 70 raw files	120 raw files from 4 datasets	2.3 million MS/MS spectra
Fractionation Method	"3D" frcactionation on protein level	fractionations on both protein and peptide level	SCX fractionation on peptide level	12 High abundance protein depletion, cys-peptide and N-linked glycopeptide fractionation	WAX/WCX on protein level, SCX fractionation on peptide level
FPR (%)[b]	2.35%	~14%[c]	4.2%	~4%	~5.46%

[a] The detailed filtering criteria is in Table S1;

[b] FPR(%) was calculated as the number of peptide identifications from reversed database divided by the number of peptide identifications from the normal database as described by Qian W. J et al. (ref 39);

[c] FPR of ~14% was estimated by Deutsch, E. W. *et al*., *Proteomics* **2005**, 5, (13), 3497-500.

Table S3.

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00022463.1	Serotransferrin precursor	18318	71	85.67%	77049.89	6.81
IPI00022434.2	ALB protein	69688	69	76.08%	71704.74	6.42
IPI00164623.3	Complement C3 precursor	723	62	47.75%	187164.13	6.02
IPI00414283.1	Fibronectin 1 isoForm 4 preproprotein	815	59	38.03%	256511.56	5.53
IPI00556148.1	Complement factor H	811	54	58.08%	139070.48	6.23
IPI00478003.1	Alpha-2-macroglobulin	542	49	46.61%	163277.92	6
IPI00216773.4	ALB protein	45340	47	80.81%	45159.9	5.77
IPI00384697.1	ALB protein	54366	46	80.10%	47360.6	5.97
IPI00453459.1	Complement Component 4B preproprotein	347	42	35.38%	192797.95	6.89
IPI00555805.1	Complement component 4A	345	42	34.52%	192742.88	6.66
IPI00019580.1	Plasminogen precursor	874	36	61.73%	90569	7.04
IPI00021841.1	Apolipoprotein A-I precursor	10942	33	81.65%	30777.91	5.56
IPI00298853.5	Vitamin D-binding protein precursor	1454	30	73.21%	52963.76	5.4
IPI00017601.1	Ceruloplasmin precursor	301	29	36.15%	122205.24	5.44
IPI00553177.1	Alpha-1-antitrypsin precursor	3844	28	64.83%	46736.49	5.37
IPI00215894.1	Splice Isoform LMW of Kininogen precursor	1397	27	66.04%	47883.2	6.29
IPI00032328.1	Splice Isoform HMW of Kininogen precursor	1371	27	43.48%	71945.21	6.34
IPI00478761.1	45 kDa protein	1115	27	70.71%	45372.16	5.28
IPI00478493.1	Haptoglobin precursor	1460	25	61.08%	45205.2	6.13
IPI00556624.1	Keratin 1	407	25	51.55%	66066.72	8.16
IPI00021727.1	C4b-binding protein alpha chain precursor	542	23	53.77%	67033.33	7.15
IPI00472610.2	IGHM protein	2038	22	49.58%	52666.55	7.5
IPI00550061.1	Full-length cDNA clone CS0DI019YF20 of Placenta of Homo sapiens	991	22	45.07%	56859.57	7.96
IPI00019568.1	Prothrombin precursor	559	22	46.14%	70037.01	5.64
IPI00292530.1	Inter-alpha-trypsin inhibitor heavy chain H1 precursor	444	22	38.42%	101389.05	6.31
IPI00019943.1	Afamin precursor	376	22	41.07%	69069.26	5.64
IPI00295684.1	Keratin 10	218	22	47.60%	58827.08	5.09
IPI00549769.1	Ig gamma-1 chain C region	2076	21	47.98%	51791.69	8.56
IPI00448925.3	Hypothetical protein	2026	21	42.46%	60102.11	7.48
IPI00550991.1	Alpha-1-antichymotrypsin precursor	620	21	48.44%	50628.29	5.42
IPI00019591.1	Splice Isoform 1 of Complement factor B	231	21	38.35%	85532.86	6.67
IPI00022488.1	Hemopexin precursor	2336	20	59.31%	51676.43	6.55
IPI00426007.1	Hypothetical protein DKFZp686G11190	2022	20	49.05%	52042.86	8.31

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00032179.2	Antithrombin III variant	1075	20	49.46%	52691.58	6.11
IPI00298828.1	Beta-2-glycoprotein I	645	20	58.55%	38298.17	8.34
IPI00423445.1	Hypothetical protein DKFZp686P15220	2055	19	44.49%	51724.53	8.14
IPI00550647.1	Ig gamma-1 chain C region	2004	19	42.37%	54425.59	8.11
IPI00472762.1	IGHG1 protein	2000	19	45.06%	50853.66	8.45
IPI00439447.3	Hypothetical protein	1991	19	46.93%	51343.87	7.55
IPI00550367.2	Hypothetical protein DKFZp686I15196	1990	19	47.64%	50926.64	8.33
IPI00021885.1	Splice Isoform Alpha-E of Fibrinogen alpha/alpha-E chain precursor	303	19	31.52%	94973.05	5.7
IPI00305461.2	Inter-alpha-trypsin inhibitor heavy chain H2 precursor	210	19	27.48%	106436.42	6.4
IPI00550438.1	Ig gamma-1 chain C region	2014	18	41.81%	52295.1	8.74
IPI00550945.1	Ig gamma-1 chain C region	1994	18	40.04%	54425.6	8.59
IPI00385332.3	Hypothetical protein	1990	18	42.34%	51204.1	8.46
IPI00550142.1	Ig gamma-1 chain C region	1987	18	38.92%	54929.33	8.77
IPI00430840.3	Hypothetical protein	1987	18	41.39%	52286.28	8.84
IPI00549654.1	Ig gamma-1 chain C region	1986	18	42.06%	53124.23	8.75
IPI00423464.1	Hypothetical protein DKFZp686K03196	1850	18	41.68%	52360.26	8.84
IPI00166866.3	MGC27165 protein	1078	18	44.69%	53376.3	6.26
IPI00479169.1	65 kDa protein	300	18	33.00%	65269.31	5.79
IPI00009920.1	Complement component C6 precursor	198	18	26.12%	104844.24	6.31
IPI00218192.1	Splice Isoform 2 of Inter-alpha-trypsin inhibitor heavy chain H4 precursor	136	18	31.40%	101242.08	6.21
IPI00019359.2	Keratin 9	100	18	49.92%	62064.26	5.14
IPI00303963.1	Complement C2 precursor	74	18	27.93%	83267.84	7.23
IPI00549462.1	Ig gamma-1 chain C region	1930	17	36.89%	50987.8	8.68
IPI00386879.1	Hypothetical protein	1053	17	45.14%	53088.19	6.46
IPI00477597.1	Haptoglobin-related protein precursor	875	17	41.09%	39007.42	6.41
IPI00291262.3	Clusterin precursor	768	17	34.74%	52494.65	5.89
IPI00022371.1	Histidine-rich glycoprotein precursor	735	17	40.38%	59578.56	7.09
IPI00551005.1	Ig lambda chain C regions	3748	16	32.17%	64769.9	8.4
IPI00549576.1	Ig gamma-1 chain C region	1757	16	37.66%	51660.44	7.87
IPI00022895.5	Alpha-1B-glycoprotein	1148	16	54.75%	54272.77	5.58
IPI00430842.3	IGHA1 protein	1006	16	43.61%	52865	6.74
IPI00552678.1	MGC27165 protein	1002	16	46.37%	53391.51	8.07
IPI00021304.1	Keratin, type II cytoskeletal 2 epidermal	224	16	33.18%	65865.29	8.07

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00003351.2	Extracellular matrix protein 1 precursor	46	16	45.19%	60674.35	6.25
IPI00382606.1	Factor VII active site mutant immunoconjugate	1628	15	25.77%	75553.05	6.6
IPI00550584.1	Ig alpha-1 chain C region	1021	15	42.31%	53197.02	5.78
IPI00553132.1	SNC73 protein	1009	15	42.11%	53439.48	6.55
IPI00550663.1	Ig alpha-1 chain C region	1000	15	40.80%	53875.31	6.09
IPI00550224.1	Ig alpha-1 chain C region	993	15	39.73%	56123.69	6.84
IPI00472226.3	Ig alpha-1 chain C region	992	15	42.36%	52875	6.37
IPI00449920.1	Hypothetical protein	992	15	41.78%	53224.24	6.08
IPI00550932.1	Ig alpha-1 chain C region	992	15	40.58%	55672.99	6.42
IPI00473015.3	Similar to SNC66 protein	857	15	39.71%	52560.53	5.68
IPI00399007.3	Hypothetical protein DKFZp686I04196	719	15	48.44%	46060.9	7.63
IPI00426051.3	Hypothetical protein DKFZp686C15213	701	15	35.13%	51098.81	7.85
IPI00433678.1	Hypothetical protein	620	15	43.93%	51856.78	6.13
IPI00025204.1	CD5 antigen-like precursor	442	15	52.45%	38087.82	5.28
IPI00479708.3	IGHM protein	228	15	29.13%	67628.22	6.51
IPI00382937.7	IGHM protein	226	15	28.80%	68610.53	6.86
IPI00008558.1	Plasma kallikrein precursor	174	15	29.47%	71369.58	8.6
IPI00026314.1	Gelsolin precursor	124	15	29.16%	85697.56	5.9
IPI00426056.1	Hypothetical protein DKFZp686L19235	671	14	40.29%	51639.38	5.48
IPI00441196.1	Hypothetical protein	556	14	35.48%	51325.17	6.56
IPI00291866.3	Plasma protease C1 inhibitor precursor	388	14	24.60%	55154.08	6.09
IPI00166729.2	Alpha-2-glycoprotein 1, zinc	347	14	44.30%	34244.75	5.71
IPI00291867.3	Complement factor I	336	14	36.54%	65720.18	7.72
IPI00022431.1	Alpha-2-HS-glycoprotein precursor	1865	13	55.04%	39324.75	5.43
IPI00430844.1	Hypothetical protein	614	13	39.20%	51631.33	6.18
IPI00446534.1	Hypothetical protein	613	13	38.81%	52874.76	5.6
IPI00022426.1	AMBP protein precursor	548	13	47.44%	38999.49	5.95
IPI00061977.1	MGC27165 protein	786	12	32.80%	54154.04	6.21
IPI00022420.3	Plasma retinol-binding protein precursor	740	12	72.64%	23010.02	5.76
IPI00021842.1	Apolipoprotein E precursor	187	12	47.63%	36154.22	5.65
IPI00292950.3	Heparin cofactor II precursor	84	12	29.26%	57070.52	6.41
IPI00550162.2	Hypothetical protein	2699	11	58.37%	24866.81	5.23
IPI00470798.2	Hypothetical protein DKFZp686E23209	600	11	31.91%	51536.19	7.51
IPI00178926.1	ImmunoglobulIn J chaIn	493	11	66.67%	18098.58	5.12
IPI00022417.4	Leucine-rich alpha-2-glycoprotein precursor	221	11	45.82%	38177.96	6.45
IPI00009028.1	Tetranectin precursor	200	11	53.96%	22566.76	5.52

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00022395.1	Complement component C9 precursor	81	11	28.26%	63173.53	5.43
IPI00011252.1	Complement component C8 alpha chain precursor	38	11	30.65%	65163.27	6.07
IPI00162735.3	Splice Isoform 2 of Attractin precursor	36	11	10.30%	141428.79	6.65
IPI00384444.4	Keratin, type I cytoskeletal 14	35	11	28.24%	51490.39	5.09
IPI00549747.2	Hypothetical protein	6380	10	47.88%	25833.95	6.14
IPI00430808.1	Hypothetical protein	6370	10	50.21%	25645.94	6.15
IPI00441043.1	Hypothetical protein	6185	10	47.88%	25772.9	5.94
IPI00419424.3	IGKV1-5 protein	6166	10	43.33%	26234.5	6.3
IPI00430847.1	IGKC protein	6165	10	45.34%	25706.96	8.17
IPI00430839.1	Hypothetical protein	6142	10	52.97%	25807.02	8.17
IPI00440577.1	Hypothetical protein	6135	10	50.21%	26245.7	8.57
IPI00448707.3	Hypothetical protein	6133	10	44.07%	25871.12	6.72
IPI00472961.2	Hypothetical protein	6124	10	49.15%	25936.24	8.69
IPI00386158.3	Hypothetical protein	2713	10	49.58%	25023.96	7.59
IPI00555945.1	IGLC2 protein	2664	10	47.23%	24799.57	6.88
IPI00022429.3	Alpha-1-acid glycoprotein 1 precursor	1759	10	41.29%	23511.57	4.93
IPI00022432.1	Transthyretin precursor	1640	10	69.39%	15887.03	5.52
IPI00550640.2	IGHG4 protein	879	10	34.04%	51986.06	8.14
IPI00165421.3	SERPINC1 protein	809	10	48.65%	29092.42	9.03
IPI00426069.1	Hypothetical protein DKFZp686M24218	523	10	33.82%	52420.44	7.89
IPI00298971.1	Vitronectin precursor	362	10	29.50%	54305.86	5.55
IPI00020986.2	Lumican precursor	219	10	35.21%	38429.07	6.16
IPI00032220.3	Angiotensinogen precursor	179	10	30.93%	53154.18	5.87
IPI00294004.1	Vitamin K-dependent protein S precursor	118	10	21.01%	75122.66	5.48
IPI00011261.1	Complement component C8 gamma chain precursor	113	10	70.30%	22219.48	8.86
IPI00017696.1	Complement C1s subcomponent precursor	51	10	22.38%	76684.57	4.86
IPI00292946.1	Thyroxine-binding globulin precursor	37	10	34.94%	46324.45	5.87
IPI00550315.1	Ig kappa chain C region	6195	9	52.26%	22072.54	7.08
IPI00430848.3	IGKC protein	6124	9	44.07%	25924.2	8.43
IPI00412608.2	25 kDa protein	2696	9	49.79%	24971	5.44
IPI00456619.3	Ig lambda chain C regions	2683	9	55.27%	24896.75	6.41
IPI00477644.1	25 kDa protein	2224	9	54.36%	25389.28	6.87
IPI00021854.1	Apolipoprotein A-II	865	9	72.00%	11175.01	6.27
IPI00020091.1	Alpha-1-acid glycoprotein 2 precursor	850	9	42.29%	23602.67	5.03
IPI00423461.1	Hypothetical protein DKFZp686C02220	206	9	27.20%	54159.87	5.9

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00555746.1	Paraoxonase 1	149	9	43.66%	39731.32	5.08
IPI00027482.1	Corticosteroid-binding globulin precursor	90	9	32.35%	45140.8	5.64
IPI00019576.1	Coagulation factor X	50	9	27.25%	54731.73	5.68
IPI00007240.1	Coagulation factor XIII B chain precursor	39	9	20.88%	75491.78	5.97
IPI00554675.1	Anti-RhD monoclonal T125 kappa light chain precursor	6020	8	44.02%	25697.81	8.69
IPI00550048.1	Similar to Ig kappa chain V-IV region B17 precursor	5176	8	36.00%	27587.85	7.8
IPI00154742.4	IGLC1 protein	2782	8	46.15%	24792.57	5.93
IPI00430806.1	Hypothetical protein	2759	8	46.15%	24909.77	6.19
IPI00479461.1	23 kDa protein	2662	8	52.53%	23089.58	5.69
IPI00384931.1	Hypothetical protein	2623	8	44.02%	25014.91	5.94
IPI00430823.1	Hypothetical protein	2218	8	43.35%	24854.72	6.29
IPI00553170.1	IGLV3-21 protein	2133	8	46.35%	24898.73	6.5
IPI00552854.1	Hypothetical protein	1774	8	47.84%	24794.78	5.43
IPI00029863.3	Alpha-2-antiplasmin	92	8	25.46%	54565.88	5.87
IPI00011264.1	Complement factor H-related protein 1 precursor	71	8	38.79%	37661.66	7.75
IPI00019581.1	Coagulation factor XII	42	8	20.65%	67818.34	8.04
IPI00396348.1	Full-length cDNA clone CS0DM007YE13 of Fetal liver of Homo sapiens	37	8	25.53%	48542	7.34
IPI00217963.2	Keratin, type I cytoskeletal 16	27	8	18.64%	51136.8	4.98
IPI00006114.4	Pigment epithelium-derived factor precursor	14	8	28.95%	46342.37	5.97
IPI00552195.1	IGLV2-14 protein	2327	7	37.77%	24509.08	6.81
IPI00554822.1	Hypothetical protein DKFZp781M0386	2161	7	42.31%	25002.09	6.88
IPI00456772.1	Hypothetical protein	2134	7	40.93%	25108.07	8.17
IPI00006662.1	Apolipoprotein D precursor	296	7	34.92%	21275.52	5.06
IPI00025862.1	C4b-binding protein beta chain precursor	54	7	40.48%	28357.48	5.05
IPI00005439.1	Fetuin-B precursor	40	7	31.94%	42094.08	6.87
IPI00163207.1	Splice Isoform 1 of N-acetylmuramoyl-L-alanine amidase precursor	31	7	21.70%	62217.11	7.25
IPI00022733.1	Splice Isoform 1 of Phospholipid transfer protein	26	7	20.28%	54739.57	6.53
IPI00166930.4	62 kDa protein	22	7	22.86%	62168.55	6.02
IPI00018136.1	Splice Isoform 1 of Vascular cell adhesion protein 1	11	7	11.64%	81276.16	5.14
IPI00018305.1	Insulin-like growth factor binding protein 3 precursor	35	6	29.21%	31660.3	9.03
IPI00218413.1	Biotinidase precursor	27	6	16.39%	61133.02	5.81

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00029193.1	Hepatocyte growth factor activator precursor	14	6	11.76%	70682.08	6.99
IPI00395488.2	Vasorin	14	6	12.33%	71712.91	7.16
IPI00218803.2	Splice Isoform B of Fibulin-1 precursor	12	6	14.08%	77186.19	5.16
IPI00419630.1	Carnosinase 1	11	6	16.37%	56692.16	5.14
IPI00019579.1	Complement factor D	10	6	42.29%	27003.93	8.11
IPI00021364.1	Properdin precursor	10	6	18.34%	51276.45	8.32
IPI00296537.3	Splice Isoform C of Fibulin-1 precursor	10	6	12.59%	74462.21	5.14
IPI00021857.1	Apolipoprotein C-III	230	5	55.56%	10852.31	5.23
IPI00382500.1	Ig heavy chain V-III region GAL	89	5	43.97%	11771.26	8.7
IPI00300725.6	Keratin, type II cytoskeletal	65	5	11.01%	59913.78	8.14
IPI00009867.2	Keratin, type II cytoskeletal 5	60	5	9.49%	62447.45	8.14
IPI00026199.1	Plasma glutathione peroxidase precursor	58	5	29.20%	25505.46	8.2
IPI00023019.1	Splice Isoform 1 of Sex hormone-binding globulin precursor	43	5	18.91%	43779.28	6.22
IPI00023673.1	Galectin-3 binding protein precursor	28	5	11.45%	65331.16	5.13
IPI00007221.1	Plasma serine protease inhibitor precursor	26	5	15.02%	45701.69	9.3
IPI00022391.1	Serum amyloid P-component precursor	23	5	25.11%	25387.17	6.1
IPI00293898.1	Hepatocellular carcinoma associated protein TB6	8	5	9.95%	83283.61	5.59
IPI00556287.1	Hypothetical protein	3473	4	26.98%	20668.45	5.13
IPI00387115.1	Ig kappa chain V-III region	497	4	59.63%	11775.11	8.7
IPI00387120.1	Ig kappa chain V-IV region	334	4	36.84%	12640.09	7.92
IPI00030205.1	Ig kappa chain V-III region HAH precursor	316	4	51.16%	14072.93	7.75
IPI00026197.4	Ig kappa chain V-IV region precursor	166	4	20.00%	19518.29	4.89
IPI00552385.1	V2-17 protein	165	4	61.86%	10405.38	4.46
IPI00386133.1	Ig kappa chain V-IV region B17 precursor	156	4	26.87%	14965.91	6.15
IPI00386839.1	Amyloid lambda 6 light chain variable region SAR	136	4	56.90%	12294.44	4.83
IPI00555872.1	Myosin-reactive immunoglobulin heavy chain	101	4	38.14%	12843.4	5.25
IPI00477452.1	10 kDa protein	74	4	46.39%	10405.71	9.07
IPI00007899.2	Single chain Fv	73	4	40.18%	12242.63	8.67
IPI00163446.3	IGHD protein	73	4	6.81%	62967.29	6.84

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00399193.2	PREDICTED: similar to KIAA1501 protein	61	4	1.98%	208116.84	8.76
IPI00021856.3	Apolipoprotein C-II precursor	54	4	49.50%	11283.86	4.72
IPI00387107.1	Ig kappa chain V-II region	46	4	47.83%	12676.28	5.28
IPI00006154.1	Splice Isoform Long of Complement factor H-related protein 2 precursor	32	4	17.04%	30650.78	6
IPI00027507.1	Complement factor H-related protein 3 precursor	27	4	13.03%	37323.31	7.72
IPI00022445.1	Platelet basic protein	27	4	37.50%	13894.18	9.04
IPI00418663.3	Hypothetical protein	24	4	8.44%	53025.29	5.33
IPI00029061.1	Selenoprotein P precursor	16	4	10.24%	42705.69	7.73
IPI00165319.5	PREDICTED: FLJ46675	15	4	1.70%	445801.85	5.97
IPI00029260.2	Monocyte differentiation antigen CD14 precursor	15	4	17.33%	40076.3	5.84
IPI00022446.1	Platelet factor 4 precursor	14	4	35.64%	10844.95	8.93
IPI00431795.2	PREDICTED: kelch repeat and BTB (POZ) domain	14	4	1.10%	631762.9	9.3
IPI00186903.3	Splice Isoform 2 of Apolipoprotein-L1 precursor	14	4	12.56%	45871.47	6.24
IPI00004373.1	Mannose-binding protein C precursor	13	4	18.95%	26143.49	5.39
IPI00021817.1	Vitamin K-dependent protein C precursor	13	4	16.05%	52071.36	5.85
IPI00028413.4	Inter-alpha	9	4	6.29%	99801.06	5.45
IPI00301143.2	HGSC289	9	4	9.29%	49471.16	5.24
IPI00179357.1	Titin	8	4	0.24%	3816219.31	6.01
IPI00218795.1	L-selectin precursor	8	4	11.43%	43617.75	6.96
IPI00400836.2	VPS13D-2A protein	8	4	1.28%	489031.16	6.12
IPI00296608.6	Complement component C7 precursor	7	4	8.90%	93518.43	6.09
IPI00029658.1	Splice Isoform 1 of EGF-containing fibulin-like extracellular matrix protein 1 precursor	7	4	10.34%	54640.64	4.95
IPI00023728.1	Gamma-glutamyl hydrolase precursor	7	4	16.98%	35964.41	6.66
IPI00298497.3	Fibrinogen beta chain	4	4	11.00%	55928.06	8.54
IPI00385252.1	Ig kappa chain V-III region GOL	453	3	48.62%	11830.35	9.34
IPI00387117.1	Ig kappa chain V-III region	453	3	39.45%	11788.19	8.72
IPI00385985.1	Ig lambda chain V-III region LOI	197	3	37.84%	11935.16	4.94
IPI00479928.1	11 kDa protein	122	3	34.26%	11446.75	6.21
IPI00419453.1	Ig kappa chain V-III region VG precursor	98	3	26.09%	12575.23	4.85

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00384391.1	Myosin-reactive immunoglobulin heavy chain	75	3	33.88%	13153.73	6.85
IPI00299435.2	Apolipoprotein F precursor	75	3	18.71%	35399.55	5.42
IPI00387111.2	PREDICTED: similar to Ig kappa chain	63	3	15.38%	23737.8	6.07
IPI00003111.1	Ig kappa chain V-I region AU	62	3	53.70%	11939.25	5.11
IPI00384392.1	Myosin-reactive immunoglobulin heavy chain	59	3	34.75%	12872.26	6.48
IPI00514982.1	13 kDa protein	44	3	25.83%	13068.65	8.36
IPI00384407.1	Myosin-reactive immunoglobulin heavy chain	43	3	30.65%	13580.27	8.6
IPI00382480.1	Ig heavy chain V-III region BRO	43	3	34.17%	13226.73	6.44
IPI00184598.3	37 kDa protein	43	3	11.21%	36515.84	8.74
IPI00385507.1	V1-16 protein	41	3	45.45%	10284.13	4.6
IPI00387110.1	Ig kappa chain V-II region	38	3	35.71%	10825.41	9.39
IPI00001611.1	Splice Isoform 1 of Insulin-like growth factor II precursor	37	3	26.67%	20140.45	9.5
IPI00384406.1	Myosin-reactive immunoglobulin heavy chain	34	3	36.28%	12436.89	8.62
IPI00383808.1	Ig kappa chain V-IV region STH	33	3	35.78%	12060.44	7.94
IPI00027547.2	Dermcidin precursor	29	3	22.73%	11283.86	6.09
IPI00552267.1	Homo sapiens This CDS feature is included to show the translation of the corresponding V_region. Presently translation qualifiers on V_region features are	24	3	52.34%	11306.37	5.65
IPI00387099.1	Ig kappa chain V-I region Rei	23	3	43.52%	11902.26	6.27
IPI00382481.1	Ig heavy chain V-III region BUT	23	3	35.65%	11906.45	9.34
IPI00387100.1	Ig kappa chain V-I region	21	3	46.30%	11782.19	5.12
IPI00003469.1	Ig kappa chain V-I region	21	3	31.48%	11840.19	9.07
IPI00290078.2	Keratin, type II cytoskeletal 4	20	3	5.26%	65080.32	8.52
IPI00013438.1	Immunoglobulin lambda-like polypeptide 1 precursor	19	3	19.72%	22963.02	10.1
IPI00009477.3	Intercellular adhesion molecule-2 precursor	17	3	14.91%	30653.32	7.61
IPI00024825.1	Megakaryocyte stimulating factor	14	3	3.13%	151090.56	9.53
IPI00552852.1	V2-19 protein	12	3	42.11%	10229.28	4.89
IPI00398012.3	PREDICTED: hypothetical protein KIAA1109	12	3	0.72%	558594.7	6.14
IPI00074148.4	Dystonin isoform 1	12	3	0.75%	629787.02	5.52
IPI00027462.1	Calgranulin B	9	3	37.72%	13241.95	5.71

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00008556.1	Splice Isoform 1 of Coagulation factor XI	8	3	6.40%	70109.06	8.47
IPI00009030.1	Splice Isoform LAMP-2A of Lysosome-associated membrane glycoprotein 2	8	3	7.07%	44960.57	5.35
IPI00022229.1	Apolipoprotein B-100	7	3	0.99%	515562.59	6.61
IPI00041065.3	HGF activator like protein	7	3	5.54%	62671.71	6.09
IPI00021536.1	Calmodulin-like protein 5	5	3	28.77%	15920.58	4.34
IPI00021891.5	Splice Isoform Gamma-B of Fibrinogen gamma chain precursor	5	3	8.83%	51511.61	5.37
IPI00296176.2	Coagulation factor IX	4	3	9.76%	51778.39	5.34
IPI00104074.3	M130 antigen cytoplasmic variant 2 precursor	4	3	2.85%	125352.44	5.68
IPI00299669.1	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC	3	3	9.84%	70910.9	7.01
IPI00387026.1	Ig kappa chain V-I region EU	162	2	26.85%	11788.21	8.62
IPI00382478.1	Ig heavy chain V-III region	145	2	26.09%	11612.12	9.23
IPI00382497.1	Ig heavy chain V-III region TUR	135	2	26.72%	12187.83	9.78
IPI00387106.1	Ig kappa chain V-I region Ni	132	2	30.36%	11745.18	5.25
IPI00382436.1	Ig lambda chain V-III region	117	2	25.00%	11392.52	6.02
IPI00384401.1	Myosin-reactive immunoglobulin kappa chain	105	2	24.77%	11761.2	8.74
IPI00387022.1	Ig kappa chain V-I region AG	102	2	31.48%	11992.34	5.67
IPI00382420.1	Ig lambda chain V-I region	70	2	26.79%	11896.17	9.07
IPI00045547.1	Anti-streptococcal/anti-myosin immunoglobulin lambda light chain variable	70	2	25.93%	11593.72	6.32
IPI00024138.1	Ig kappa chain V-III region VH precursor	59	2	23.28%	12757.5	5.64
IPI00470652.1	Single-chain Fv	52	2	9.43%	26126.98	8.61
IPI00007884.2	Myosin-reactive immunoglobulin light chain	47	2	25.86%	12593.24	5.14
IPI00479553.1	11 kDa protein	42	2	30.00%	10957.37	8.66
IPI00387116.1	Ig kappa chain V-III region NG9 precursor	41	2	38.00%	10728.92	6.3
IPI00384398.1	Myosin-reactive immunoglobulin light chain	38	2	34.58%	11500.77	8.68
IPI00025327.1	Plasminogen-related protein B precursor	35	2	21.88%	10970.66	6.11
IPI00384402.1	Myosin-reactive immunoglobulin kappa chain	34	2	34.86%	11928.38	8.06
IPI00329038.3	Splice Isoform 1 of CDK5 regulatory subunit associated protein 2	31	2	1.80%	215098.16	5.44

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00384409.1	Myosin-reactive immunoglobulin heavy chain	30	2	19.33%	13204.8	8.94
IPI00396929.1	PREDICTED: similar to immunoglobulin M chain	30	2	14.38%	16795.75	8.87
IPI00382488.1	Ig heavy chain V-III region	28	2	22.31%	13437.2	9.43
IPI00387113.1	Ig kappa chain V-III region	28	2	31.48%	11120.58	9.34
IPI00168604.1	Zinc finger protein 11B	25	2	3.73%	90682.88	8.6
IPI00387025.1	Ig kappa chain V-I region	23	2	26.85%	11417.88	9.43
IPI00387101.1	Ig kappa chain V-I region	23	2	27.78%	11763.99	5.67
IPI00333234.2	12 kDa protein	22	2	14.04%	12339.92	6.7
IPI00007852.1	Myosin-reactive immunoglobulin light chain	21	2	31.48%	11633.05	9.43
IPI00479883.1	12 kDa protein	20	2	31.48%	11928.36	9.36
IPI00218746.1	Complement Component 1, q subComponent, beta polypeptide preCursor	15	2	9.09%	26703.68	8.83
IPI00387119.1	Ig kappa chain V-III region POM	14	2	24.77%	11922.33	9.11
IPI00001671.1	Tumor necrosis factor	14	2	14.16%	25644.51	6.44
IPI00004656.1	Beta-2-microglobulin	14	2	26.89%	13714.59	6.06
IPI00553003.1	FHR-1; complement Factor H-related protein 1	13	2	47.06%	5762.68	5
IPI00022850.5	Splice Isoform 1 of Glutamate receptor, ionotropic kainate 1 precursor	12	2	2.18%	103980.61	6.65
IPI00020546.2	Ash1	11	2	1.08%	332790.69	9.46
IPI00009792.1	Ig heavy chain V-I region V35 precursor	11	2	21.37%	13008.67	9.59
IPI00382474.1	Ig heavy chain V-III region TRO	10	2	18.85%	12026.72	9.74
IPI00375843.1	Hypothetical protein DKFZp686J1375	10	2	5.95%	54176.46	5.3
IPI00552874.1	V1-3 protein	10	2	44.44%	10492.47	6.74
IPI00015614.3	Splice Isoform A of Trypsin III precursor	10	2	6.58%	32498.79	7.46
IPI00387097.1	Ig kappa chain V-I region	9	2	25.00%	11834.13	7.96
IPI00013179.1	Prostaglandin-H2 D-isomerase precursor	9	2	17.37%	21028.8	7.66
IPI00218834.8	Fc of IgG, low affinity IIIa, receptor for	9	2	6.55%	32690.47	8.36
IPI00297578.2	GPBP-interacting protein A	9	2	3.44%	130381.75	6.17
IPI00383530.1	Splice Isoform 2 of Rho-GTPase-activating protein 25	9	2	4.80%	51778.75	7.09
IPI00002966.1	Heat shock 70 kDa protein 4	8	2	3.57%	94300.03	5.18
IPI00297160.2	Hypothetical protein DKFZp451K1918	8	2	6.09%	39387.75	5.2

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00386142.1	Ig heavy chain V-II region ARH-77 precursor	8	2	17.12%	16228.4	8.45
IPI00004860.2	Arginyl-tRNA synthetase	8	2	3.33%	75379.06	6.26
IPI00385253.1	Ig kappa chain V-III region CLL precursor	8	2	19.38%	14275.19	8.71
IPI00032311.3	Lipopolysaccharide-binding protein precursor	8	2	6.03%	53349.74	6.23
IPI00384399.1	Myosin-reactive immunoglobulin light chain	7	2	28.04%	11444.72	6.14
IPI00299778.2	Serum paraoxonase/lactonase	7	2	5.37%	39607.51	5.24
IPI00218097.1	JNK-associated leucine-zipper protein	7	2	3.51%	145135.47	5.08
IPI00174775.1	Keratin 6 irs3	7	2	4.44%	58923.48	6.93
IPI00382483.1	Ig heavy chain V-III region	6	2	24.59%	11706.36	9.8
IPI00384404.2	Myosin-reactive immunoglobulin heavy chain	6	2	17.09%	12723.53	8.84
IPI00294395.1	Complement component C8 beta chain precursor	6	2	5.75%	67047.01	8.5
IPI00178743.3	ALMS1 protein	6	2	0.79%	461191.13	5.87
IPI00382486.1	Ig heavy chain V-III region	6	2	19.33%	12898.56	9.75
IPI00176740.2	Hypothetical protein	6	2	6.91%	35742.31	9.41
IPI00412760.1	44 kDa protein	5	2	5.97%	44197.73	5.05
IPI00028030.3	Cartilage oligomeric matrix protein precursor	5	2	4.36%	82832.46	4.34
IPI00218524.6	Splice Isoform 2 of Piccolo protein	5	2	0.76%	530967.63	5.91
IPI00552243.1	Hypothetical protein DKFZp667I0321	5	2	15.43%	18876.91	8.89
IPI00297859.1	Splice Isoform 1 of Myeloid/lymphoid or mixed-lineage leukemia protein 2	5	2	0.87%	564187.67	5.65
IPI00152462.1	Axonemal heavy chain dynein type 3	5	2	0.66%	470771.75	6.04
IPI00180384.2	Ciliary dynein heavy chain 7	5	2	0.55%	461143.43	5.7
IPI00296165.5	Complement C1r subcomponent precursor	5	2	4.54%	80173.78	5.89
IPI00004550.3	Hypothetical protein	5	2	4.38%	55145.53	4.86
IPI00006196.2	Splice Isoform 2 of Nuclear mitotic apparatus protein 1	5	2	1.67%	236531.51	5.64
IPI00419226.1	Rho GTPase activating	5	2	3.14%	124969.56	6.57
IPI00063523.5	PREDICTED: similar to Centromeric protein E (CENP-E protein)	4	2	0.47%	741898.22	9.06
IPI00026320.1	Ubiquitin--protein ligase	4	2	1.00%	309353.32	5.59
IPI00020060.1	Sodium/hydrogen exchanger	4	2	3.68%	90763.15	6.74
IPI00219036.5	Dicer1	4	2	1.98%	218682.14	5.47

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00219806.5	S100 calcium-binding protein	4	2	22.00%	11325.74	6.26
IPI00007199.3	Protein Z-dependent protease inhibitor precursor	4	2	5.86%	50706.97	8.28
IPI00003939.2	Ig lambda chain V-I region NIG-64	4	2	31.90%	12177.57	6.5
IPI00007834.1	Splice Isoform 1 of Ankyrin-	4	2	1.20%	430344.51	5.03
IPI00002335.1	Huntingtin	4	2	1.08%	347860.4	5.81
IPI00185362.4	Neural cell adhesion	4	2	2.80%	94601.18	4.79
IPI00419675.1	LOC150763 protein	3	2	4.80%	87563.38	7.74
IPI00000138.1	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	3	2	6.07%	50862.54	9.25
IPI00163931.1	Rap guanine nucleotide exchange factor 2	3	2	1.87%	167417.14	6.21
IPI00045512.1	Hemicentin	3	2	0.48%	613347.06	6.06
IPI00217185.1	Splice Isoform 2 of Ryanodine receptor 3	3	2	0.70%	551375.12	5.45
IPI00152011.3	PTPL1-associated RhoGAP	3	2	2.78%	142106.9	6.32
IPI00478794.1	Splice Isoform 3 of Transforming acidic coiled-coil-containing protein 2	3	2	3.69%	103741.7	4.94
IPI00411298.3	Maguin-like protein variant II	3	2	6.31%	61887.58	8.94
IPI00019038.1	Lysozyme C precursor	3	2	27.03%	16536.97	9.38
IPI00021396.1	Vascular endothelial growth factor receptor 2 precursor	3	2	2.14%	151526.87	5.6
IPI00259372.1	Novel Tctex-1 family domain-containing protein	3	2	16.74%	23352.75	9.87
IPI00008616.1	Splice Isoform 1 of Solute carrier family 12, member 7	3	2	2.40%	119149.92	6.28
IPI00384394.1	Myosin-reactive immunoglobulin heavy chain	3	2	13.56%	13028.43	6.35
IPI00292218.3	Hepatocyte growth factor-like protein precursor	3	2	6.33%	80380.02	7.99
IPI00152696.2	Similar to Retinoic acid inducible in neuroblastoma	3	2	2.21%	161961.52	8.7
IPI00020996.3	Insulin-like growth factor binding protein complex acid labile chain precursor	3	2	5.12%	66035.26	6.33
IPI00382476.1	Ig heavy chain V-III region WEA	2	2	26.32%	12141.59	8.7
IPI00074719.1	KIAA1792 protein	2	2	3.71%	91474.15	8.58
IPI00021048.1	Splice Isoform 1 of Myoferlin	2	2	1.46%	234709.01	5.84
IPI00023133.1	C-jun-amino-terminal kinase interacting protein 1	2	2	6.47%	77524.83	4.87
IPI00032291.1	Complement C5 precursor	2	2	1.49%	188331.42	6.11
IPI00186721.2	PIST	2	2	8.23%	50520.01	5.59

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00005904.3	Probable ATP-dependent RNA helicase DDX20	2	2	3.40%	92240.72	6.49
IPI00006006.3	Hypothetical protein	2	2	4.83%	92126.43	6.98
IPI00477820.3	Extracellular matrix protein QBRICK	2	2	1.01%	244123.37	5.55
IPI00001159.8	GCN1-like protein 1	2	2	1.31%	292613.31	7.22
IPI00095032.5	Hypothetical protein DKFZp666L166	2	2	5.12%	56834.47	4.99
IPI00000155.3	Cytokine-like nuclear factor n-pac	2	2	4.16%	60548.26	9.18
IPI00003362.1	78 kDa glucose-regulated protein precursor	2	2	5.96%	72332.86	5.07
IPI00032063.4	Low-density lipoprotein receptor-related protein 1B precursor	2	2	0.93%	515498.26	5.09
IPI00065521.2	Conserved hypothetical	2	2	4.68%	60923.08	6.17
IPI00145799.1	F-box/LRR-repeat protein 4	2	2	5.31%	70096.85	6.1
IPI00232311.4	54 kDa protein	2	2	8.02%	54481.35	7.31
IPI00001952.5	Probable endonuclease KIAA0830 precursor	2	2	11.60%	55016.69	5.55
IPI00306718.3	Synaptonemal complex	2	2	1.76%	175638.62	9.01
IPI00033907.1	Anaphase promoting complex subunit 1	2	2	2.16%	216500.38	5.88
IPI00012792.1	Vascular endothelial-cadherin precursor	2	2	4.72%	87516.39	5.22
IPI00001893.2	Splice Isoform A of Protocadherin 7 precursor	2	2	3.65%	116104.97	5.05
IPI00010365.2	PREDICTED: ubiquitin specific protease 22	2	2	4.69%	82917.71	9.29
IPI00479669.1	HypotHetical protein LOC23074 isoform a	2	2	2.80%	164198.59	5.89
IPI00217872.2	Splice Isoform 2 of Phosphoglucomutase	2	2	4.60%	61960.6	5.64
IPI00162547.1	Splice Isoform 2 of Latrophilin 3 precursor	2	2	2.66%	139279.86	6.51
IPI00008806.1	Splice Isoform PDE9A1 of High-affinity cGMP-specific 3',5'-cyclic phosphodiesterase	2	2	4.89%	68492.83	5.85
IPI00021033.1	Collagen alpha 1(III) chain precursor	2	2	3.48%	138555.67	6.18
IPI00418700.1	Hypothetical protein	2	2	2.28%	180689.1	5.79
IPI00006173.1	Cholesteryl ester transfer protein precursor	2	2	5.68%	54770.2	5.7
IPI00170429.3	FLJ10826 protein	2	2	6.83%	63246.47	5.03
IPI00021984.1	Sorting nexin 19	2	2	3.93%	108662.54	4.99
IPI00001786.3	USP36 protein	2	2	3.29%	122808.9	9.72

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00307536.1	Hypothetical protein	2	2	2.66%	107858.98	5.07
IPI00410082.2	Hypothetical protein	2	2	2.30%	209969.42	5.4
IPI00299524.1	Condensin subunit 1	2	2	2.14%	157169.45	6.15
IPI00549822.1	Obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF	2	2	0.65%	721548.57	5.53
IPI00219168.5	Spectrin beta chain, brain 4	2	2	1.22%	416953.03	6.2
IPI00383464.1	FBXO8 protein	2	2	9.71%	32418.02	8.47
IPI00016902.1	Probable G-protein coupled receptor 27	2	2	8.80%	39818.26	9.3
IPI00023330.2	HEAT repeat containing	2	2	1.81%	124019.52	5.57
IPI00029372.2	Hypothetical protein DKFZp686I1868	2	2	5.97%	69650.34	5.4
IPI00175649.3	Leucine-rich repeat kinase 2	2	2	1.19%	286057.87	6.34
IPI00290854.1	A-kinase anchor protein 3	2	2	3.40%	94736.19	5.97
IPI00218648.1	Splice Isoform III of Retinoblastoma-binding	2	2	2.19%	134866.16	4.9
IPI00394892.1	Spectrin-like protein of the nuclear envelope and Golgi	2	2	0.40%	966342.46	5.4
IPI00290328.2	Receptor-type tyrosine-protein phosphatase eta	2	2	2.32%	145927.29	5.37
IPI00166528.1	Hypothetical protein DKFZp761C062	2	2	4.00%	88542.43	6.19
IPI00553019.1	154 kDa protein	2	2	2.05%	153819.31	9.82
IPI00455750.1	PREDICTED: similar to hypothetical gene supported by BC031617	2	2	11.85%	39583.53	8.04
IPI00155134.2	KIAA1457 protein	2	2	3.16%	150292.02	6.51
IPI00010418.3	Myosin Ic	2	2	2.73%	121681.91	9.46
IPI00444446.1	Hypothetical protein	2	2	20.59%	18659.72	7.09
IPI00062344.2	Similar to [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial precursor	2	2	8.12%	43038.85	9.36
IPI00045600.2	DAB2 interacting protein	2	2	3.45%	128384.26	8.87
IPI00394994.1	HypotHetical protein LOC161176	2	2	2.15%	112244.93	5.88
IPI00296099.4	Thrombospondin 1 precursor	2	2	2.05%	129382.63	4.71
IPI00023977.1	Splice Isoform TRPDI of Tetratricopeptide repeat	2	2	1.33%	229891.44	7.63
IPI00007122.3	Chromosome 6 open reading frame 84	2	2	1.74%	152844.17	5.46
IPI00155729.4	Plexin B3 precursor	123	1	0.73%	206847.84	5.96
IPI00003478.1	Dual specificity protein phosphatase 5	92	1	6.77%	42107.57	8.69
IPI00385555.1	Ig kappa chain V-I region	65	1	16.67%	11840.13	8.6

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00013495.1	Splice Isoform 2 of ATP-binding cassette, sub-family F,	63	1	1.36%	91680.35	7.54
IPI00166417.6	Hypothetical protein	49	1	6.04%	30633.16	6.45
IPI00387105.1	Ig kappa chain V-I region	44	1	16.51%	11870.12	6.28
IPI00552943.1	V1-11 protein	42	1	16.16%	10487.48	4.38
IPI00009853.2	Pheromone receptor	41	1	4.53%	40125.13	9.4
IPI00553215.1	V1-5 protein	41	1	13.13%	10383.28	4.66
IPI00030702.1	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor	39	1	2.73%	39591.62	6.46
IPI00470464.1	Hypothetical protein DKFZp686G09165	36	1	2.59%	110910.89	8.68
IPI00005661.1	Splice Isoform Gamma of Transcription factor-like	33	1	6.71%	33300.27	8.18
IPI00376330.6	OTTHUMP00000016789	31	1	7.18%	40609.26	8.61
IPI00386576.1	Ig lambda chain V-IV region MOL	29	1	23.58%	11143.17	4.28
IPI00161229.3	12 kDa protein	29	1	14.29%	12060.75	8.53
IPI00383603.1	Anti-thyroglobulin light chain variable region	27	1	13.86%	10374.37	5.51
IPI00442474.1	Hypothetical protein	26	1	5.81%	17127.7	4.9
IPI00027686.1	Bombesin receptor subtype-3	26	1	5.76%	44410.86	8.99
IPI00179453.3	Zinc finger protein 262	25	1	1.06%	136330.38	8.52
IPI00418229.1	HSPC109	25	1	4.64%	44013.58	9.9
IPI00028080.1	Neuronal acetylcholine receptor protein, beta-4 chain	25	1	1.61%	56379.61	8.64
IPI00398874.4	Similar to RIKEN cDNA 9230116B18 gene	23	1	15.91%	9790.28	6.26
IPI00382499.1	Ig heavy chain V-III region	22	1	16.52%	12320.05	9.39
IPI00382489.1	Ig heavy chain V-III region KOL	19	1	8.73%	13718.22	5.53
IPI00026337.1	Splice Isoform 1 of Ran-binding protein 3	17	1	2.82%	60210.21	4.7
IPI00217609.1	LOC284861 protein	16	1	3.26%	45077.97	4.8
IPI00387109.1	Ig kappa chain V-II region	16	1	11.50%	12058.7	7.94
IPI00401986.1	PREDICTED: hypothetical protein XP_375589	15	1	14.14%	10668.28	8.55
IPI00479069.1	HypotHetical protein	15	1	1.01%	224302.57	6.77
IPI00106668.2	Splice Isoform A of Mannose-6-phosphate receptor binding protein 1	14	1	7.57%	28129.71	5.74
IPI00291802.3	Splice Isoform 3 of LIM domain only protein 7	14	1	1.93%	153684.58	7.9
IPI00382422.1	Ig lambda chain V-I region NEWM	13	1	10.68%	10904.18	9.39
IPI00100460.2	FLJ10514 protein	13	1	2.02%	73562.91	8.19

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00171544.2	D111/G-patch domain containing protein	13	1	2.46%	59803.82	4.96
IPI00007461.3	PREDICTED: KIAA0877 protein	12	1	0.92%	86115.35	8.92
IPI00003951.4	Laminin aLpha 3 subunit isoform 2	12	1	0.58%	190491.44	8.48
IPI00054095.1	Splice Isoform 2 of CMRF35-H antigen precursor	12	1	6.99%	20639.64	5.07
IPI00004101.3	Betaine--homocysteine S-methyltransferase	11	1	5.91%	44970.5	6.4
IPI00000812.1	Cyclic-nucleotide-gated cation channel alpha 3	11	1	3.31%	78838.15	7.56
IPI00013212.1	Tyrosine-protein kinase CSK	11	1	2.44%	50704.34	6.62
IPI00152269.3	WD repeat domain 51B	11	1	3.14%	53667.84	6.79
IPI00220580.1	Splice Isoform 1 of Sperm-associated antigen 6	11	1	2.16%	55476.37	6.37
IPI00218845.3	Nitric-oxide synthase,	11	1	1.50%	133158.14	6.98
IPI00457149.1	PREDICTED: similar to Acidic leucine-rich nuclear phosphoprotein 32 family member B (PHAPI2 protein) (Silver-stainable protein SSP29) (Acidic protein rich in leucines)	10	1	10.16%	27238.31	5.52
IPI00100630.5	ENL protein	10	1	2.15%	62082.36	8.66
IPI00001726.4	Ubiquitin carboxyl-terminal hydrolase 35	10	1	1.38%	113405.68	5.42
IPI00215617.1	Splice Isoform 5 of Copper-transporting ATPase 1	10	1	1.62%	154317.59	5.79
IPI00259687.2	Adenylate cyclase, type I	9	1	2.04%	124063.04	8.79
IPI00010814.4	Tenascin N	9	1	1.08%	144033.72	5.41
IPI00465065.2	Cytochrome P450 19A1	9	1	2.39%	57751.83	7.29
IPI00384674.1	Nmc protein	9	1	30.77%	4659.48	5.93
IPI00064477.3	Hypothetical protein	9	1	4.85%	30423.68	5.69
IPI00008986.1	Large neutral amino acids transporter small subunit 1	9	1	4.54%	55010.28	7.9
IPI00465439.4	Fructose-bisphosphate aldolase A	9	1	6.06%	39288.82	8.39
IPI00009335.1	Brain protein 16	9	1	6.41%	42129.55	4.73
IPI00160418.3	TMEM22 protein	9	1	4.37%	46450.54	6.6
IPI00382442.1	Ig lambda chain V-V region DEL	9	1	14.81%	11342.49	5.14
IPI00385631.3	Zinc finger, ZZ-type with EF hand domain 1	9	1	0.44%	331047.97	5.62
IPI00015974.1	Serine/threonine protein kinase/endoribonuclease IRE1 precursor	9	1	1.84%	109687.01	5.84

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00175685.1	PREDICTED: hypothetical protein XP_211339	9	1	22.22%	12427.09	6.13
IPI00513806.1	Novel protein	9	1	7.93%	23145.37	10.82
IPI00046188.4	OTTHUMP00000030279	8	1	3.92%	45551.64	9.5
IPI00293095.1	MGC34732 protein	8	1	6.54%	48838.58	5.33
IPI00028714.1	Matrix Gla-protein precursor	8	1	10.68%	12323.23	9.71
IPI00382447.1	Ig lambda chain V-VI region AR	8	1	19.64%	11917.86	4.63
IPI00289536.3	SKAP55 protein	8	1	4.18%	41476.76	4.47
IPI00514089.1	Progestin and adipoQ receptor family member VI	7	1	4.41%	38245.56	10.46
IPI00216621.1	JRK protein	7	1	2.82%	62789.62	9.02
IPI00141957.4	PREDICTED: similar to RIKEN cDNA 2410004F06	7	1	0.70%	159116.67	8.33
IPI00398913.3	PREDICTED: similar to mFLJ00251 protein	7	1	1.48%	99597.26	6.02
IPI00001890.5	Coatomer gamma subunit	7	1	2.63%	97815.49	5.32
IPI00418639.2	Similar to Acyl-CoA dehydrogenase family protein	7	1	1.06%	125821.19	8.27
IPI00373968.4	Hypothetical protein LOC374920	7	1	1.73%	64334.87	9.15
IPI00382748.2	Novel protein	7	1	5.26%	26873.92	5.33
IPI00003384.1	Splice Isoform 1 of Cadherin EGF LAG seven-pass G-type receptor 1 precursor	7	1	0.56%	329486.9	5.59
IPI00455219.1	PREDICTED: AT rich interactive domain 5B (MRF1-like)	7	1	1.14%	174665.71	9.21
IPI00457099.1	PREDICTED: similar to eukaryotic translation initiation factor 4A, isoform 1	7	1	7.56%	26459.06	4.58
IPI00018769.3	Thrombospondin-2 precursor	6	1	1.96%	129955.3	4.63
IPI00300341.5	Transcription elongation factor B polypeptide 1	6	1	17.86%	12473.19	4.74
IPI00396145.1	FYVE finger-containing phosphoinositide kinase	6	1	0.62%	237108.71	6.27
IPI00030154.1	Proteasome activator complex subunit 1	6	1	5.22%	28723.11	5.78
IPI00256861.4	Splice Isoform 2 of Microtubule-actin crosslinking factor 1, isoforms	6	1	0.37%	620419.48	5.27
IPI00060246.1	ULK4 protein	6	1	2.59%	64973.53	6.33
IPI00290799.1	C18orf19 protein	6	1	6.99%	30776.58	9.77
IPI00470820.1	Hypothetical protein DKFZp686B07186	6	1	2.55%	74616.65	5.85

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00062700.1	T-cell immunoglobulin and mucin domain containing 4	6	1	2.65%	41550.13	5.75
IPI00418262.3	Fructose-bisphosphate aldolase C	6	1	6.06%	39324.72	6.46
IPI00216750.1	Splice Isoform 1 of Developmentally regulated RNA-binding protein 1	6	1	1.89%	53502.68	6.74
IPI00376747.2	PREDICTED: similar to KIAA1833 protein	6	1	0.74%	265029.86	6.46
IPI00021248.1	Serine/threonine-protein kinase PLK1	6	1	2.99%	68254.99	9.09
IPI00465084.5	Desmin	6	1	4.05%	53404.81	5.21
IPI00396658.1	Hypothetical protein	6	1	3.15%	58389.25	6.05
IPI00007963.1	9 kDa protein	6	1	16.67%	8741.97	11.72
IPI00386131.1	Ig kappa chain V-III region IARC/BL41 precursor	6	1	12.50%	14069.89	6.2
IPI00216008.2	Splice Isoform Long of Glucose-6-phosphate 1-	6	1	3.21%	63826.93	6.43
IPI00299503.1	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor	6	1	1.79%	92374.68	5.91
IPI00103521.1	Splice Isoform 1 of Stonin-2	6	1	0.99%	101165.34	5.2
IPI00382682.1	Putative matrix cell adhesion molecule-3	6	1	6.92%	17496.7	9.37
IPI00303161.3	Endothelial cell adhesion molecule	5	1	3.59%	41176.38	9.42
IPI00328793.2	Sterol regulatory element binding protein-2	5	1	0.96%	123673.6	8.72
IPI00470901.2	DeDicator of cytokinesis 5	5	1	0.59%	215337.06	8.08
IPI00032991.1	HSVI binding protein	5	1	14.88%	12914.45	11.88
IPI00001434.1	Protocadherin beta 14	5	1	1.50%	87548.09	4.82
IPI00006375.1	Lipoyltransferase 1, mitochondrial precursor	5	1	4.02%	42479.05	8.66
IPI00394958.1	Splice Isoform 1 of Zona pellucida binding protein 2 precursor	5	1	6.21%	38652.38	8.04
IPI00409675.1	Splice Isoform 1 of Mortality factor 4-like protein 1	5	1	3.87%	41473.53	9.29
IPI00023529.1	Cell division protein kinase 6	5	1	6.75%	36938.42	6.02
IPI00142781.1	Brain-muscle-ARNT-like transcription factor 2a	5	1	1.89%	70887.19	7.01
IPI00160265.1	Splice Isoform 2 of Trinucleotide repeat-containing gene 6A protein	5	1	1.17%	182052.85	6.15
IPI00002491.3	Splice Isoform 9 of Sorbin and SH3 domain-containing	5	1	2.18%	87183.46	8.04

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00166010.4	CCR4-NOT transcription complex, subunit 1 isoform a	5	1	0.80%	266939.2	6.65
IPI00016448.3	Hypothetical protein	5	1	4.53%	32498.61	4.61
IPI00220159.4	Protein C20orf158	5	1	2.30%	53941.22	10.48
IPI00478600.1	Ig kappa chain V-I region HK102 precursor	5	1	15.38%	12768.49	6.06
IPI00020197.1	Alpha-N-acetylneuraminide alpha-2,8-sialyltransferase	5	1	3.37%	40519	9.41
IPI00298258.4	Unc-13 homolog B	5	1	0.80%	184346.89	5.68
IPI00465059.3	Mitochondrial Rho 2	5	1	3.72%	68026.88	5.44
IPI00048230.1	Neurexophilin-1 precursor	5	1	6.64%	31082.21	8.86
IPI00071204.2	Splice Isoform Long of Sialic acid binding Ig-like lectin-like 1 precursor	5	1	4.37%	64984.46	6.21
IPI00180851.6	Synaptotagmin-6	5	1	3.14%	57383.15	8.33
IPI00299608.3	Splice Isoform 1 of 26S proteasome non-ATPase regulatory subunit 1	5	1	2.20%	105836.32	5.25
IPI00060545.2	Splice Isoform 1 of Presenilins associated rhomboid-like protein,	5	1	4.49%	42204.07	9.82
IPI00012549.1	Splice Isoform 2 of Protocadherin gamma A11 precursor	5	1	2.03%	91607.75	4.73
IPI00164069.4	MSH5 protein	5	1	1.95%	91862.65	5.82
IPI00005694.3	Pregnancy-specific beta-1-glycoprotein 2 precursor	4	1	4.18%	37215.02	8.18
IPI00018320.1	Protocadherin 11	4	1	1.81%	115919.45	4.89
IPI00022443.1	Alpha-fetoprotein precursor	4	1	1.81%	68677.74	5.48
IPI00387096.1	Ig kappa chain V-I region	4	1	10.19%	12126.61	8.96
IPI00216882.2	Hypothetical protein DKFZp686I01199	4	1	3.16%	43609.9	4.61
IPI00019399.1	Serum amyloid A-4 protein precursor	4	1	8.46%	14806.71	9.27
IPI00384786.2	Xin A	4	1	0.76%	198561.76	5.78
IPI00217540.7	Splice Isoform 2 of Lysine-specific histone demethylase 1	4	1	1.26%	95155.05	5.9
IPI00168708.1	Hypothetical protein	4	1	54.05%	4262.35	9.3
IPI00021855.1	Apolipoprotein C-I precursor	4	1	13.25%	9331.93	8.01
IPI00164481.2	STAU2 protein	4	1	2.42%	59002.28	9.57
IPI00002234.1	KIAA1359 protein	4	1	2.90%	52332.32	4.69
IPI00306532.2	PREDICTED: similar to KIAA1783 protein	4	1	0.45%	265837.52	7.7
IPI00215966.2	Ribonuclease P protein subunit p14	4	1	14.63%	13561.89	8.11

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00004798.1	Cysteine-rich secretory protein-3 precursor	4	1	3.67%	27630.27	8.09
IPI00303484.1	Olfactory receptor 52K2	4	1	4.14%	34907.17	8.67
IPI00017423.1	Splice Isoform 2 of Centrosomal protein 4	4	1	4.42%	28910.31	8.6
IPI00059711.2	Hypothetical protein	4	1	7.18%	20800.05	12.06
IPI00217117.1	CG9886-like	4	1	3.25%	55252.73	6.25
IPI00294728.1	X-like 1 protein	4	1	0.56%	337612.88	5.91
IPI00029235.1	Insulin-like growth factor binding protein 6 precursor	4	1	6.25%	25322.53	8.15
IPI00292690.1	Hypothetical protein PIK3CG	4	1	2.36%	126453.74	7.23
IPI00008468.1	PTB domain adaptor protein CED-6	4	1	3.95%	34490.5	8.04
IPI00024466.1	UDP-glucose:glycoprotein glucosyltransferase 1	4	1	0.84%	177189.88	5.42
IPI00411706.1	Esterase D	4	1	6.74%	31462.8	6.54
IPI00022239.7	Methionine aminopeptidase 1	4	1	3.63%	43215.19	6.75
IPI00012391.1	Splice Isoform Long of Adenomatous polyposis coli protein	4	1	0.70%	311662.37	7.84
IPI00001610.1	Insulin-like growth factor IA precursor	4	1	9.15%	17025.77	9.36
IPI00145593.7	Nucleolar protein with MIF4G domain 1	4	1	1.05%	96257.65	8.28
IPI00150496.6	Hypothetical protein	4	1	1.57%	91836.36	9.49
IPI00513904.1	Hypothetical protein DKFZp686D12126	4	1	1.33%	166204.54	8.68
IPI00170593.2	Cyclin-dependent kinase (CDC2-like) 11	4	1	5.66%	49870.55	8.79
IPI00022730.1	Oxysterols receptor LXR-	4	1	3.90%	51102.15	7.9
IPI00107625.1	Splice Isoform SNAP-25a of Synaptosomal-associated protein 25	4	1	6.80%	23336.1	4.74
IPI00398971.3	PREDICTED: AF-1 specific protein phosphatase	4	1	0.69%	350189.92	6.09
IPI00420011.1	HypotHetical protein LOC348094	4	1	2.55%	47408.89	6.42
IPI00293757.3	Splice Isoform 1 of Netrin receptor UNC5C precursor	4	1	1.07%	103101.83	5.78
IPI00419597.5	C219-reactive peptide	3	1	3.80%	56583.76	4.32
IPI00152344.1	Phosphatase, orphan 2	3	1	12.03%	27768.85	6.31
IPI00006498.1	Splice Isoform 1 of Deleted in azoospermia protein 2	3	1	2.69%	63131.98	8.84
IPI00412443.1	RAS and EF hand domain containing	3	1	1.89%	82879.53	4.99

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00014414.1	Bromodomain-containing protein 2	3	1	3.37%	88061.07	9.13
IPI00455388.1	PREDICTED: similar to zinc finger protein 91 (HPF7,	3	1	0.96%	145021.45	9.58
IPI00292646.1	Splice Isoform 1 of Glutamate decarboxylase 1	3	1	4.55%	66896.55	7.54
IPI00001813.4	CTD-binding SR-like protein rA9	3	1	0.49%	178611.3	9.15
IPI00021362.3	Zinc finger protein 335	3	1	0.82%	144893.33	5.97
IPI00043550.4	Hypothetical protein	3	1	3.20%	58303.45	9.2
IPI00180230.6	Splice Isoform 1 of Glutamate receptor interacting	3	1	1.44%	112501.66	6.06
IPI00164782.1	Asc-type amino acid transporter 1	3	1	4.78%	56798.03	8.51
IPI00012503.1	Splice Isoform Sap-mu-0 of Proactivator polypeptide precursor	3	1	2.86%	58112.64	5.06
IPI00302328.1	Myosin heavy chain, cardiac muscle alpha isoform	3	1	0.52%	223689.97	5.6
IPI00002232.2	Serine/threonine kinase	3	1	1.60%	116070.48	7.3
IPI00031114.1	Hypothetical protein CATX-1	3	1	10.74%	13200.24	9.64
IPI00420049.2	PREDICTED: hypothetical protein MGC13275	3	1	4.45%	71970.12	6.86
IPI00400817.2	PREDICTED: similar to dystrophin-like protein	3	1	2.99%	67976.64	9.05
IPI00294742.5	RNA-binding region RNP-1 (RNA recognition motif) domain containing protein	3	1	1.89%	66898.59	9.57
IPI00181396.3	Hypothetical protein	3	1	1.32%	118965.98	4.81
IPI00455513.1	PREDICTED: similar to breakpoint cluster region isoform 1	3	1	2.28%	72158.78	6.31
IPI00025465.1	Mimecan precursor	3	1	5.37%	33922.3	5.46
IPI00394814.1	Tryptophan/serine protease	3	1	3.12%	38943.15	7.95
IPI00297210.2	L-FILIP	3	1	1.32%	138109.15	8.46
IPI00465247.2	STRA6 isoform 1	3	1	4.35%	73517.19	9.18
IPI00043430.3	Hypothetical protein	3	1	3.72%	73982.07	9.29
IPI00396060.1	Hypothetical protein DKFZp686G1990	3	1	1.51%	88258.4	5.96
IPI00301107.3	Importin-11	3	1	1.44%	112535.36	5.14
IPI00440727.1	Splice Isoform 1 of Bromodomain-containing protein 4	3	1	1.10%	152219.35	9.23
IPI00307820.3	Heat shock 70 kDa protein	3	1	2.19%	75687.86	8.81
IPI00002984.1	Niemann-Pick C1-like	3	1	0.96%	148698.6	5.95
IPI00304324.5	Histone deacetylase 11	3	1	2.88%	39183.15	7.17

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00217128.2	PREDICTED: similar to Myeloid cell surface antigen CD33 precursor (gp67) (Siglec-3)	3	1	5.88%	33452.38	8.72
IPI00006395.1	Guanine nucleotide-binding protein G(olf), alpha subunit	3	1	7.35%	44308.53	6.23
IPI00024990.6	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	3	1	3.55%	57839.62	8.72
IPI00220592.1	Splice Isoform 2 of	3	1	1.31%	137674.9	6.88
IPI00023302.1	Splice Isoform Synapsin IIa of Synapsin-2	3	1	2.75%	62968.58	8.57
IPI00140473.4	Conserved hypothetical	3	1	2.50%	75690.93	6.38
IPI00011832.1	Secreted phosphoprotein 24 precursor	3	1	5.69%	24337.73	8.59
IPI00419720.1	KFQG729	3	1	2.27%	42207.47	6
IPI00095356.2	OTTHUMP00000029969	3	1	7.59%	18339.22	6.3
IPI00465032.2	Propionyl Coenzyme A carboxylase, alpha	3	1	1.92%	80286.18	7.24
IPI00003947.1	Ig lambda chain V-II region BUR	3	1	10.09%	11505.78	7.89
IPI00026216.4	Puromycin-sensitive aminopeptidase	3	1	1.20%	103276.46	5.49
IPI00604493.1	Krueppel-related zinc finger protein 1	3	1	2.05%	82433.52	9.25
IPI00002249.2	Kelch-like protein 9	3	1	3.08%	69428.63	5.92
IPI00152310.4	Splice Isoform 1 of Fibronectin type 3 and ankyrin repeat domains	3	1	5.22%	38369.05	8.93
IPI00006280.4	Sterol regulatory element binding protein cleavage-activating protein	3	1	1.25%	139729.45	6.41
IPI00304967.3	Cytochrome P450 26	3	1	5.43%	56162.69	8.9
IPI00023339.1	CREB-binding protein	3	1	0.41%	265336.92	8.83
IPI00419263.3	Peroxisomal 3,2-trans-enoyl-CoA isomerase	3	1	3.06%	39609.38	8.83
IPI00171542.2	Pericentrin 1	3	1	2.29%	75019.67	5.36
IPI00329385.4	Myotubularin-related protein	3	1	2.09%	71954.04	7.59
IPI00022890.1	Ig lambda chain V region 4A precursor	3	1	7.69%	12379.93	6.52
IPI00007119.3	Tubulin epsilon chain	3	1	5.26%	52931.85	6.17
IPI00394981.3	Hypothetical protein	3	1	1.14%	145655.61	7.77
IPI00219131.6	Splice Isoform 1 of ICOS ligand precursor	3	1	3.31%	33348.82	5.15
IPI00161103.3	PREDICTED: similar to hypothetical protein	3	1	4.15%	49485.62	5.47

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00025753.1	Desmoglein-1 precursor	3	1	1.91%	113715.49	4.9
IPI00373894.4	Hypothetical protein DKFZp686M0843	3	1	0.41%	250026.17	6.67
IPI00294713.3	Splice Isoform 1 of Mannan-binding lectin serine protease 2 precursor	3	1	2.33%	75685.48	5.43
IPI00438229.1	Splice Isoform 1 of Transcription intermediary	3	1	1.80%	88549.91	5.52
IPI00398262.2	PREDICTED: similar to ribosomal protein L31	3	1	2.48%	49403.36	6.18
IPI00027201.1	Mucin-2 precursor	3	1	0.19%	540293.21	5.49
IPI00018829.2	Splice Isoform 1 of Spectrin beta chain, brain 3	3	1	0.47%	288986.75	5.72
IPI00184358.2	FRMD3 protein	3	1	12.21%	23923.54	4.65
IPI00291755.4	NUP210 protein	3	1	0.90%	205312.76	6.3
IPI00219221.2	Galectin-7	3	1	10.37%	14943.91	7
IPI00002579.3	RB-binding protein	3	1	1.19%	190119.53	7.29
IPI00514054.1	OTTHUMP00000022512	3	1	16.07%	6587.57	10.35
IPI00024880.1	CEGP1 protein	3	1	3.00%	109956.82	6.21
IPI00291633.3	Chromosome 9 open reading frame 78	3	1	4.84%	33650.97	6.33
IPI00384225.4	Meteorin precursor	3	1	5.12%	31207.09	8.47
IPI00006146.3	Serum amyloid A2	3	1	11.48%	13508.09	8.82
IPI00017815.1	Hypothetical protein DJ1104E15.3	3	1	17.09%	17716.88	9.34
IPI00061448.4	Alpha-1,3(6)-mannosylglycoprotein beta-1,6-N-acetyl-glucosaminyltransferase-like	3	1	8.57%	15668.1	9.87
IPI00397836.1	Splice Isoform 1 of Serine/threonine-protein kinase Haspin	3	1	3.38%	88460.56	9.23
IPI00166184.1	Hypothetical protein	3	1	2.95%	73671.97	5.9
IPI00244208.2	64 kDa protein	3	1	2.28%	64415.83	5.29
IPI00329352.3	Nodal modulator 1 precursor	3	1	1.31%	134351.99	5.54
IPI00000645.1	HSPC096	3	1	13.17%	18771.06	9.18
IPI00297677.4	NMDA receptor 3B subunit	3	1	2.49%	112992.86	9.37
IPI00328884.7	RAB3A interacting protein (Rabin3)-like 1	3	1	2.09%	42636.71	6.07
IPI00375559.2	Splice Isoform 1 of Otoferlin	3	1	1.35%	226737.47	5.49
IPI00177398.4	Cationic trypsinogen	2	1	16.98%	5800.28	4.37
IPI00168438.3	ZNF258 protein	2	1	5.84%	16884.56	9.26
IPI00027356.1	Adenylate cyclase, type VIII	2	1	2.24%	140122.35	6.53
IPI00446226.1	Hypothetical protein	2	1	13.33%	12591.03	9.4

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00411324.2	Splice Isoform 1 of Transmembrane protease, serine 4	2	1	3.89%	48204.42	5.2
IPI00019491.1	Neuropeptide Y receptor type	2	1	2.64%	51990.93	8.99
IPI00019056.3	RING finger protein 19	2	1	1.79%	90722.44	6.57
IPI00017659.3	Protein kinase substrate	2	1	4.57%	44504.2	5.34
IPI00005635.1	Tubulin tyrosine ligase-like protein 4	2	1	1.50%	133377.7	9.06
IPI00328943.2	Splice Isoform 1 of Ecto-ADP-ribosyltransferase 5	2	1	8.90%	32096.87	8.74
IPI00554786.1	Thioredoxin reductase 1	2	1	2.01%	70571.79	7.16
IPI00335085.3	SPla/RYanodine receptor SPRY domain containing	2	1	2.79%	149560.67	6.32
IPI00249627.2	29 kDa protein	2	1	4.12%	29061.02	8.75
IPI00477333.1	Hypothetical protein	2	1	9.02%	30319.72	7
IPI00397137.2	PREDICTED: hypothetical protein XP_374121	2	1	17.88%	20379.83	9.32
IPI00167941.1	Midasin	2	1	0.29%	632821.15	5.46
IPI00465357.3	Hypothetical protein	2	1	3.65%	39316.94	4.39
IPI00006987.1	ATP-dependent RNA helicase DDX24	2	1	1.40%	96331.76	9.14
IPI00005270.7	BK158_1	2	1	3.78%	57957.59	7.94
IPI00165619.2	KIAA0638 protein	2	1	1.37%	152048.6	8.85
IPI00017375.1	Protein transport protein	2	1	1.96%	86146.91	6.64
IPI00428752.1	FP17469	2	1	9.29%	15091.38	5.9
IPI00023217.1	Splice Isoform 1 of Ryanodine receptor 2	2	1	0.28%	564499.44	5.74
IPI00169087.1	Seven transmembrane helix receptor	2	1	7.92%	33636.7	7.6
IPI00377099.3	Zinc finger protein 138	2	1	5.34%	30679.46	9.59
IPI00013976.1	Laminin beta-1 chain	2	1	0.95%	198066.96	4.84
IPI00026466.3	Splice Isoform 2 of Nipped-B-like protein	2	1	0.70%	304343.98	7.91
IPI00006213.1	Pericentriol material 1	2	1	0.89%	228707.08	4.99
IPI00385664.1	44 kDa protein	2	1	4.95%	43896.02	5.72
IPI00181376.1	Tumor-associated hydroquinone oxidase	2	1	2.46%	70082.23	5.67
IPI00220342.4	NG,NG-dimethylarginine dimethylaminohydrolase 1	2	1	3.87%	30990.61	5.53
IPI00007955.5	Splice Isoform 1 of Tripartite motif protein 16	2	1	2.13%	63997.45	5.34
IPI00217804.3	Hypothetical protein	2	1	2.08%	67094.72	8.95
IPI00398112.2	PREDICTED: similar to hypothetical protein	2	1	2.38%	73266.27	10.59
IPI00221325.2	Ran-binding protein 2	2	1	0.81%	358218.53	5.86

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00012845.1	Mutant erythrocyte membrane glycoprotein Rh50	2	1	7.98%	38419.89	6.23
IPI00296365.3	Centromeric protein E	2	1	0.49%	311986.83	5.44
IPI00168510.1	Hypothetical protein DKFZp434O1614	2	1	14.96%	14613.81	9.3
IPI00027078.2	Carboxypeptidase D	2	1	1.59%	152915.2	5.7
IPI00014363.1	Betaine-homocysteine methyltransferase 2	2	1	4.41%	40354.3	5.61
IPI00397069.2	PREDICTED: hypothetical protein XP_374065	2	1	10.00%	20547.36	8.78
IPI00454884.1	PREDICTED: hypothetical protein XP_497964	2	1	4.66%	43905.83	11.05
IPI00014310.1	Splice Isoform 1 of Cullin-1	2	1	1.93%	89678.54	8.19
IPI00020019.1	Adiponectin precursor	2	1	6.15%	26413.6	5.42
IPI00069232.2	G protein-coupled receptor associated sorting protein 2	2	1	2.03%	93773.69	4.96
IPI00395595.1	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	2	1	1.80%	155604.77	7.83
IPI00014238.2	Lysyl-tRNA synthetase	2	1	5.36%	68048.11	5.94
IPI00023020.1	Splice Isoform 1 of Semenogelin-1 precursor	2	1	2.38%	52130.76	9.3
IPI00215948.4	Alpha-1 catenin	2	1	2.10%	100071.28	5.95
IPI00018149.2	Centrosome protein Cep290	2	1	0.85%	290330.11	5.76
IPI00178185.1	Splice Isoform 1 of Cytoskeleton-like bicaudal D protein homolog 2	2	1	2.18%	93533.48	5.35
IPI00382511.1	Hypothetical protein	2	1	7.19%	15218.02	8.16
IPI00007047.1	Calgranulin A	2	1	11.83%	10834.49	6.51
IPI00019439.2	Fibrillin 2 precursor	2	1	0.58%	314775.33	4.73
IPI00016409.2	J domain protein C21orf55	2	1	4.12%	45805.61	9.57
IPI00007797.2	Fatty acid-binding protein, epidermal	2	1	10.45%	15033.13	6.83
IPI00166085.1	Leucine-rich repeat LGI family member 2 precursor	2	1	3.67%	62298.47	6.47
IPI00018240.6	Hypothetical protein	2	1	3.35%	72785.27	9.25
IPI00292134.6	Epidermal growth factor receptor substrate 15	2	1	2.23%	98656.06	4.52
IPI00166331.3	Hypothetical protein	2	1	2.50%	109868.09	5.79
IPI00219352.3	Cystathionine-beta-synthase	2	1	4.36%	60586.52	6.2
IPI00002618.1	ATP-binding cassette, sub-family D, member 2	2	1	1.49%	83232.8	9.04
IPI00060549.6	G protein-coupled receptor associated sorting protein 1	2	1	1.00%	156866.09	4.64
IPI00300126.4	56 kDa protein	2	1	3.25%	55779.2	8.18
IPI00071509.1	Splice Isoform 2 of	2	1	2.14%	82860.59	9.29

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00017305.2	Ribosomal protein S6 kinase alpha 1	2	1	1.63%	82723.05	7.68
IPI00065063.1	Dehydrogenase/reductase SDR family member 1	2	1	4.47%	33909.03	8.01
IPI00382426.1	Ig lambda chain V-II region TRO	2	1	11.71%	11560.82	8.52
IPI00399087.1	PREDICTED: KIAA2002 protein	2	1	0.80%	193106.84	6.46
IPI00299547.2	Lipocalin 2	2	1	10.50%	22788.22	8.66
IPI00294052.6	Single-stranded DNA-binding protein 2	2	1	3.60%	37827.58	6.16
IPI00026698.2	KIAA0822 protein	2	1	0.94%	180486.2	7.07
IPI00010304.1	Bomapin	2	1	4.03%	45402.73	5.8
IPI00298912.4	Coronin-2B	2	1	3.37%	54392.73	8.39
IPI00477837.1	20 kDa protein	2	1	7.43%	20212.77	9.51
IPI00414779.1	DNA excision repair protein ERCC-6	2	1	1.00%	168416.33	8.28
IPI00383952.1	Splice Isoform 2 of MIR-interacting saposin-like protein precursor	2	1	33.33%	9116.47	6.71
IPI00179330.5	Ubiquitin and ribosomal protein S27a	2	1	10.26%	17904.82	9.65
IPI00329641.2	Splice Isoform 1 of Transient receptor potential cation channel subfamily V member	2	1	2.15%	90636.19	6.17
IPI00008225.1	Gamma-aminobutyric-acid receptor alpha-4 subunit precursor	2	1	1.99%	61640.15	9.56
IPI00385261.3	43 kDa protein	2	1	2.56%	43430.13	4.6
IPI00377076.1	Oviductin protease precursor	2	1	2.48%	62582.88	6.95
IPI00395737.2	Leucine zipper protein 1	2	1	1.49%	120304.19	8.78
IPI00024292.1	Low-density lipoprotein receptor-related protein 2 precursor	2	1	0.39%	521931.28	4.89
IPI00013749.2	Protein kinase C, zeta type	2	1	4.22%	67718.21	5.44
IPI00017450.2	Transcription initiation factor IIF alpha subunit	2	1	2.13%	58240.59	7.04
IPI00550090.2	PREDICTED: jumonji domain containing 3	2	1	1.52%	176633.33	8.83
IPI00002612.2	Zinc finger protein 219	2	1	2.08%	76877.96	9.56
IPI00329745.4	130 kDa leucine-rich protein	2	1	0.93%	158926.53	5.91
IPI00008524.1	Splice Isoform 1 of Polyadenylate-binding protein	2	1	1.73%	70670.93	9.52
IPI00454936.1	PREDICTED: hypothetical protein XP_499227	2	1	16.50%	10457.42	5.37
IPI00074256.1	Hypothetical protein	2	1	3.01%	76870.75	5.09

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00376252.2	PREDICTED: similar to NAD-dependent deacetylase sirtuin 5 (SIR2-like protein 5)	2	1	4.98%	61188.01	6.52
IPI00604529.1	Hypothetical protein	2	1	14.29%	14055.96	6.27
IPI00032423.2	DEAD-box protein 52	2	1	2.67%	67465.96	9.69
IPI00445654.1	Hypothetical protein	2	1	6.80%	32757.3	8.47
IPI00401146.1	PREDICTED: hypothetical protein XP_376560	2	1	7.58%	27635.11	11.36
IPI00478692.1	90 kDa protein	2	1	2.30%	89922.37	8.34
IPI00418670.1	Hypothetical protein	2	1	19.67%	13216.06	8.71
IPI00299554.3	Kinesin-like protein KIF14	2	1	0.61%	186491.68	8.06
IPI00329599.2	Pleckstrin homology-like domain, family A, member 3	2	1	14.17%	13861.03	9.72
IPI00178097.2	Hypothetical protein	2	1	14.50%	13608.15	9.18
IPI00168084.2	Ubiquitin carboxyl-terminal hydrolase 38	2	1	1.34%	116546.36	5.82
IPI00182126.3	FK506 binding protein 9	2	1	1.75%	63083.64	4.91
IPI00022827.1	CTCL tumor antigen se20-9	2	1	0.81%	142695.09	5.08
IPI00031098.3	Hypothetical protein DKFZp761A132	2	1	5.00%	49710.06	9.21
IPI00007778.1	Di-N-acetylchitobiase	2	1	4.16%	43759.88	6.19
IPI00298935.4	Nuclear protein 5qNCA	2	1	0.91%	191611.05	6.78
IPI00328488.6	Splice Isoform 1 of Epididymis-specific alpha-mannosidase precursor	2	1	0.99%	113888.09	6.82
IPI00291200.1	Nuclear pore complex protein Nup133	2	1	1.38%	129013.43	4.98
IPI00030654.1	CPSF6 protein	2	1	3.40%	63471.34	7.28
IPI00454724.1	PREDICTED: similar to Ig kappa chain V region (A2) - human	2	1	3.50%	40736.79	8.69
IPI00018207.3	OTTHUMP00000016605	2	1	4.38%	73990.53	5.82
IPI00305303.3	FLJ11200 protein	2	1	3.84%	53261.32	6.53
IPI00011255.3	Platelet glycoprotein Ib alpha chain precursor	2	1	1.72%	70247.68	6.03
IPI00184382.2	LOC89894 protein	2	1	7.76%	27467.3	9.24
IPI00044823.1	Proton myo-inositol cotransporter	2	1	4.77%	67983.23	5.63
IPI00009793.1	Complement C1r-like	2	1	2.87%	53484.32	6.75
IPI00220730.6	Huntingtin interacting protein	2	1	1.64%	116221.45	5.2
IPI00002186.3	Brefeldin A-inhibited guanine nucleotide-exchange protein 2	2	1	0.84%	202093.66	6.07
IPI00377214.1	NOD9 protein isoform 2	2	1	2.93%	101876.48	8
IPI00412988.1	Splice Isoform 1 of Netrin G1 precursor	2	1	2.74%	49340.36	5.82
IPI00384577.1	Cytosolic phospholipase A2	2	1	3.79%	91956.66	5.33

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00163505.2	Splice Isoform 1 of RNA-binding region containing protein 2	2	1	2.64%	59379.77	10.1
IPI00063408.5	Dehydrogenase E1 and transketolase domain containing protein 1	2	1	2.29%	103043.05	6.46
IPI00029705.2	Splice Isoform 1 of Gamma-tubulin complex component 2	2	1	1.44%	102534.23	6.38
IPI00170548.1	L16	2	1	1.80%	158554.72	5.94
IPI00024046.1	Cadherin-13 precursor	2	1	1.68%	78286.76	4.8
IPI00005721.1	Neutrophil defensin 1	2	1	9.57%	10201	6.54
IPI00027717.1	Component of gems 4	2	1	2.74%	119990.68	5.74
IPI00149464.2	Hypothetical protein	2	1	2.79%	66148.71	9.09
IPI00171157.3	Bruno-like 5, RNA binding protein	2	1	3.09%	52355.06	8.57
IPI00036578.1	Splice Isoform 1 of ADAMTS-12 precursor	2	1	0.75%	177545.51	8.25
IPI00060523.3	Hypothetical protein LOC116238	2	1	8.10%	28547.98	9.54
IPI00384587.3	Hypothetical protein	2	1	6.51%	30880.99	4.99
IPI00166089.1	Hypothetical protein	2	1	6.94%	19219.74	8.57
IPI00007127.1	Putative dipeptidase	2	1	2.06%	53365.07	6.08
IPI00032293.1	Cystatin C precursor	2	1	10.96%	15799.23	9
IPI00217602.4	PREDICTED: hypothetical protein XP_056680	2	1	1.47%	76221.46	9.81
IPI00413952.1	GPQH2552	2	1	6.50%	26773.16	8.76
IPI00374054.3	Splice Isoform 2 of Enabled protein homolog	2	1	3.68%	63924.85	6.12
IPI00289113.2	Splice Isoform 2 of Ubiquitin ligase protein LRSAM1	2	1	2.30%	80428.47	5.74
IPI00456522.1	PREDICTED: hypothetical protein XP_498928	2	1	8.93%	18411.36	9.97
IPI00412298.3	Splice Isoform 1 of Serine-protein kinase ATR	2	1	0.57%	301366.99	7.17
IPI00013773.2	Receptor-interacting serine/threonine-protein	2	1	2.38%	75930.94	5.92
IPI00411488.2	26 kDa protein	2	1	6.20%	25940.61	11.32
IPI00305267.2	Splice Isoform 1 of Golgi autoantigen, golgin subfamily A member 3	2	1	1.00%	167355.08	5.34
IPI00412282.2	PREDICTED: similar to glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A	2	1	4.89%	41712.76	6.36
IPI00382805.1	Hypothetical protein	2	1	12.80%	23681.96	9
IPI00296803.3	Hypothetical protein	2	1	1.93%	58091.41	4.89

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00244588.4	PREDICTED: similar to solute carrier family 35,	2	1	3.27%	60992.07	8.82
IPI00247063.2	Neprilysin	2	1	1.47%	85382.73	5.54
IPI00009040.1	Ornithine decarboxylase antizyme 3	2	1	14.44%	21375.1	4.89
IPI00470819.1	Hypothetical protein DKFZp686I20267	2	1	5.09%	38040.23	8.47
IPI00216890.1	Similar to expressed sequence AA536743	2	1	7.75%	29340.15	8.57
IPI00009298.1	Splice Isoform 2 of Transcription factor RFX3	2	1	3.54%	79356.77	7.32
IPI00164387.1	Splice Isoform 5 of Calcium-activated potassium channel alpha subunit 1	2	1	1.10%	130999.1	6.32
IPI00445543.1	Hypothetical protein	2	1	13.01%	15472.14	9.76
IPI00164884.1	OTTHUMP00000031433	2	1	12.68%	15316.27	4.77
IPI00455518.4	Zinc finger CW-type coiled-coil domain protein 1	2	1	2.16%	110724.68	8.82
IPI00012574.1	Sodium-dependent phosphate transport protein 3	2	1	4.59%	47350.4	8.73
IPI00178667.3	182 kDa protein	2	1	1.74%	182456.32	8.68
IPI00002360.1	Putative 10.3 kDa proline-rich protein DAMS	2	1	30.53%	10311.84	9.43
IPI00019548.1	Splice Isoform Long of Mothers against decapentaplegic homolog 2	2	1	5.35%	52306.14	6.13
IPI00181905.3	KIAA1914 protein, isoform 1	2	1	3.06%	91299.92	5.22
IPI00181893.1	Splice Isoform 4 of Phosphorylase b kinase beta regulatory chain	2	1	0.83%	123824.39	6.18
IPI00024853.2	Splice Isoform 1 of Periaxin	2	1	1.85%	155004.39	7.56
IPI00011159.1	Splice Isoform BAE3 of Anion exchange protein 3	2	1	1.70%	135707.5	6.02
IPI00064161.1	KIAA1851 protein	2	1	5.35%	57159.08	7.91
IPI00291003.5	Hypothetical protein	2	1	1.13%	111119.25	5.94
IPI00297333.4	PREDICTED: KIAA1171 protein	2	1	2.33%	62919.7	7.14
IPI00240432.1	Splice Isoform A of Potential phospholipid-transporting ATPase VB	2	1	1.16%	165390.81	6.46
IPI00399299.2	PREDICTED: similar to ribosomal protein L5	2	1	4.40%	46506.27	9.14
IPI00303053.3	Eukaryotic translation initiation factor 2-alpha	2	1	0.72%	125232.7	5.27
IPI00016335.2	Hypothetical protein	2	1	3.10%	40098.59	4.61
IPI00169325.1	WD-repeat protein 36	2	1	2.84%	105322.16	7.33

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00394712.1	Granulocyte inhibitory	1	1	90.00%	2046.26	4.37
IPI00059971.1	Hypothetical protein	1	1	22.22%	12429.48	7.82
IPI00401191.2	PREDICTED: hypothetical protein FLJ25778	1	1	1.08%	139579.43	9.25
IPI00012209.1	Zinc finger protein 426	1	1	4.15%	63106	7.96
IPI00398495.2	PREDICTED: hypothetical protein XP_373695	1	1	4.18%	29051.39	10.05
IPI00454991.1	Splice Isoform 5 of Ubiquitin-conjugating enzyme	1	1	8.52%	31135	6.33
IPI00012174.1	Small inducible cytokine A21 precursor	1	1	14.93%	14646.14	10.13
IPI00024289.5	Similar to Protein-tyrosine phosphatase X precursor	1	1	1.98%	111133.43	5.47
IPI00032848.1	Protein AD-016	1	1	8.76%	21172.69	4.35
IPI00216694.2	Plastin 3 variant	1	1	1.75%	70766.92	5.46
IPI00006164.3	Hypothetical protein DKFZp434J2031	1	1	3.06%	42906.61	6.68
IPI00106762.1	Hypothetical protein	1	1	3.69%	45177.32	4.93
IPI00019868.1	Gap junction beta-2 protein	1	1	6.64%	26201.01	9.11
IPI00164417.3	Splice Isoform 2 of Transportin-2	1	1	2.01%	101388.41	4.87
IPI00023978.3	Calcipressin 1 large isoform	1	1	9.92%	28078.87	5.09
IPI00412458.1	Ring finger protein 36,	1	1	4.99%	39254.1	6.15
IPI00015990.1	Splice Isoform 1 of Eyes absent homolog 3	1	1	2.44%	62557.89	5.48
IPI00443821.1	Hypothetical protein	1	1	9.47%	18716.65	10.32
IPI00237941.1	Hypothetical protein	1	1	8.80%	28916.41	9.8
IPI00026514.1	XG glycoprotein precursor	1	1	11.11%	19722.87	6.95
IPI00000700.1	Kallikrein 14 precursor	1	1	9.56%	27452.66	9.3
IPI00011727.2	Synaptotagmin-5	1	1	5.44%	42900.55	9.27
IPI00402340.1	PREDICTED: hypothetical protein XP_379078	1	1	19.35%	10222.9	9.24
IPI00010356.1	Mu-protocadherin isoforM 4	1	1	17.92%	11769.29	4.51
IPI00031583.2	Hypothetical protein DKFZp451D234	1	1	2.57%	109186.7	4.83
IPI00027391.1	Rhodopsin	1	1	6.03%	38892.66	6.21
IPI00555734.1	ASRGL1 protein	1	1	5.52%	32054.36	5.84
IPI00302690.5	Actin-related protein 10	1	1	3.12%	46307.07	7.06
IPI00043501.3	Hypothetical protein	1	1	7.33%	21325.72	10.08
IPI00009407.5	Defender against cell death 1 variant	1	1	9.73%	12424.69	7.72
IPI00059631.1	Hypothetical protein	1	1	14.61%	22171.96	8.32
IPI00166622.6	PREDICTED: similar to hypothetical protein	1	1	1.38%	160209.75	8.85

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00301480.5	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2	1	1	1.01%	134477.24	6.05
IPI00095592.7	PREDICTED: similar to Fraser syndrome 1 isoform 1	1	1	0.54%	266730.53	5.37
IPI00385749.3	34 kDa protein	1	1	5.39%	34150.8	5.99
IPI00446239.1	Hypothetical protein	1	1	12.03%	15060.05	7.58
IPI00179503.5	Hypothetical protein	1	1	10.69%	16795.73	10.01
IPI00093853.3	PREDICTED: similar to ribosomal protein L3	1	1	2.11%	72147.08	9.74
IPI00413503.1	41 kDa protein	1	1	4.19%	41415.75	13.04
IPI00397733.2	PREDICTED: similar to zinc finger protein 111	1	1	1.53%	98201.56	9.51
IPI00000877.1	150 kDa oxygen-regulated protein precursor	1	1	1.50%	111335.62	5.16
IPI00396534.4	Intersectin 2 (SH3 domain-containing protein 1B) (SH3P18) (SH3P18-like WASP associated protein).	1	1	0.66%	190496.01	8.36
IPI00009644.1	Ras homolog gene family, member U	1	1	5.04%	28218.31	8.39
IPI00217439.5	Splice Isoform 1 of Codanin-	1	1	1.14%	133997.33	6.94
IPI00217223.1	Multifunctional protein	1	1	2.66%	49679.29	7.45
IPI00329053.1	Zinc finger, FYVE domain containing 19	1	1	3.21%	54698.07	5.16
IPI00027444.1	Leukocyte elastase inhibitor	1	1	2.64%	42741.83	5.9
IPI00024969.1	MOST-1	1	1	10.10%	11218.79	8.59
IPI00183533.4	Hypothetical protein	1	1	3.90%	32601.27	6.3
IPI00299024.8	Brain acid soluble protein 1	1	1	5.75%	22562.36	4.64
IPI00248306.3	PREDICTED: similar to anaphase promoting complex subunit 1	1	1	2.32%	48277.69	9.29
IPI00302135.3	Spermatogenesis associated	1	1	1.58%	65191.39	9.25
IPI00006099.1	Ribosome biogenesis protein BMS1 homolog	1	1	0.70%	145807.41	6.04
IPI00012527.3	Zinc finger protein 7	1	1	1.90%	77887.05	8.67
IPI00514232.1	50 kDa protein	1	1	4.47%	49869.67	9.53
IPI00169204.2	Olfactory receptor OR1-18	1	1	7.55%	37358.47	6.97
IPI00457261.1	PREDICTED: similar to Zinc finger protein 43 (Zinc protein HTF6) (Zinc finger protein KOX27)	1	1	6.00%	23348.86	9.07
IPI00556291.1	Proteasome beta 1 subunit variant	1	1	13.78%	21274.38	8.87
IPI00164441.5	PREDICTED: unc-13 homolog A	1	1	1.08%	187687.82	5.51

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00247309.2	OTTHUMP00000031292	1	1	2.38%	100146.25	6.87
IPI00307612.3	Cadherin-20 precursor	1	1	2.12%	89105.08	4.54
IPI00181697.2	ARAP1	1	1	1.98%	136264.07	5.92
IPI00455949.1	PREDICTED: similar to Chloride intracellular channel protein 4 (Intracellular chloride ion channel protein	1	1	3.04%	64332.84	9.23
IPI00043236.3	Hypothetical protein	1	1	15.28%	15588.89	7.11
IPI00182545.7	Hypothetical protein	1	1	4.70%	55532.04	6.97
IPI00009790.1	6-phosphofructokinase, type	1	1	2.42%	85595.99	7.5
IPI00295743.5	OTTHUMP00000030306	1	1	5.94%	43421.21	9.23
IPI00016697.1	Hypothetical protein	1	1	3.21%	55810.58	9
IPI00024915.2	Peroxiredoxin 5, mitochondrial precursor	1	1	10.75%	22026.38	8.85
IPI00029236.1	Insulin-like growth factor binding protein 5 precursor	1	1	5.88%	30570.36	8.58
IPI00033086.3	Splice Isoform 1 of Disks large-associated protein 2	1	1	1.47%	113670.91	6.52
IPI00006096.1	Protein KIAA0586	1	1	0.91%	169264.57	5.37
IPI00013201.1	Protein BAT4	1	1	3.93%	39314.19	8.36
IPI00402315.1	PREDICTED: hypothetical protein XP_379023	1	1	15.18%	11885.31	10.8
IPI00015525.1	Multimerin 2 precursor	1	1	3.16%	104416.78	5.5
IPI00291175.3	Vinculin	1	1	1.31%	116722.41	5.83
IPI00215610.2	55 kDa erythrocyte membrane protein	1	1	5.58%	52296.48	6.91
IPI00151636.2	Hypothetical protein	1	1	2.65%	52032.41	9.15
IPI00017303.1	DNA mismatch repair protein Msh2	1	1	3.10%	104743.07	5.58
IPI00180759.4	Hypothetical protein VIT	1	1	2.74%	75574.99	9.15
IPI00306511.2	Splice Isoform 1 of Lethal(3)malignant brain tumor-like 3 protein	1	1	2.95%	88336.79	6.02
IPI00011232.2	KIAA1536 protein	1	1	2.17%	77365.61	4.74
IPI00414077.2	306 kDa protein	1	1	0.35%	306028.63	5.51
IPI00152199.3	Hypothetical protein	1	1	11.62%	21222.57	6.2
IPI00259693.1	Taste receptor type 2 member 50	1	1	5.69%	34617.78	9.86
IPI00216332.1	DRAPC1	1	1	2.53%	58796.81	8.43
IPI00293073.3	Splice Isoform 1 of Transmembrane GTPase	1	1	1.75%	84159.52	5.93
IPI00073763.4	Semaphorin 4C precursor	1	1	2.76%	92623.1	6.92
IPI00386427.1	Splice Isoform 2 of Acid sphingomyelinase-like phosphodiesterase 3b	1	1	2.68%	41689.44	5.81
IPI00470771.2	Hypothetical protein	1	1	2.74%	75483.68	6.37

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00397540.4	Hypothetical protein DKFZp667B242	1	1	4.65%	39468.39	6.26
IPI00100106.1	Hypothetical protein DKFZp586O0222	1	1	3.72%	60372.43	5.2
IPI00412302.1	18 kDa protein	1	1	14.29%	18332.42	8.94
IPI00004536.4	Ost-II	1	1	1.50%	120618.28	6.33
IPI00014684.3	Hypothetical protein	1	1	12.96%	11934.22	10.03
IPI00399121.2	PREDICTED: similar to KIF27C	1	1	1.45%	101416.15	5.97
IPI00003539.1	Reverse transcriptase	1	1	9.48%	12979.64	5.68
IPI00029095.1	Transcription factor Dp-1	1	1	5.61%	45070.44	5.74
IPI00059279.5	Exocyst complex component Sec8	1	1	1.64%	110498.14	6.07
IPI00396475.1	31 kDa protein	1	1	6.91%	31102.41	5.1
IPI00023234.3	Ubiquitin-like 1 activating enzyme E1B	1	1	3.91%	71223.68	5.15
IPI00030536.4	Splice Isoform 1 of Synaptotagmin-like protein 2	1	1	1.90%	100796.66	8.63
IPI00020599.1	Calreticulin precursor	1	1	2.40%	48141.7	4.29
IPI00023942.1	Splice Isoform 1 of	1	1	2.86%	39635.69	4.56
IPI00147878.4	20 kDa protein	1	1	7.65%	19579.21	9.27
IPI00150200.1	Splice Isoform 3 of Asialoglycoprotein receptor 2	1	1	10.45%	32550.38	5.46
IPI00452091.1	Splice Isoform 1 of Zinc finger protein DZIP1	1	1	1.61%	98663.87	5.8
IPI00027485.3	Eukaryotic translation initiation factor 4E	1	1	5.99%	25097.21	5.79
IPI00008494.3	Intercellular adhesion molecule-1 precursor	1	1	3.01%	57826.14	7.86
IPI00291910.3	Alkaline phosphatase, tissue-nonspecific isozyme precursor	1	1	2.10%	57278.69	6.21
IPI00023287.3	NEDD4.2	1	1	1.13%	111931.13	5.63
IPI00384419.2	Hypoxia-inducible HIG-1	1	1	3.33%	65016.35	6.64
IPI00027264.5	Calretinin	1	1	4.43%	31521.92	5.06
IPI00299635.3	Baculoviral IAP repeat-containing protein 6	1	1	0.37%	527610.24	5.66
IPI00218013.4	Shugoshin-like 2	1	1	0.71%	144796.79	7.98
IPI00103595.2	Novel protein	1	1	0.74%	350931.06	5.95
IPI00043622.3	Splice Isoform 1 of Protein C14orf31	1	1	2.09%	72044.11	7.12
IPI00304761.6	DDHD domain containing 2	1	1	4.22%	80961.96	5.3
IPI00397875.1	PREDICTED: similar to tudor domain containing 6	1	1	0.58%	238187.15	7.52
IPI00061354.4	Splice Isoform 2 of Bromodomain adjacent to zinc finger domain 2B	1	1	0.91%	210534.14	6.41

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00464999.1	Hypothetical protein DKFZp686D22141	1	1	0.42%	128781.49	6.64
IPI00303813.5	Hypothetical protein	1	1	3.48%	81123.61	5.74
IPI00385480.4	150 kDa protein	1	1	0.98%	149858.44	9.27
IPI00413362.1	Signal-induced proliferation-aSSociated 1 like 1	1	1	1.05%	200029.04	8.4
IPI00063635.1	Splice Isoform 1 of Cysteine-rich protein 2 binding protein	1	1	2.05%	88802.09	6.14
IPI00102107.1	Splice Isoform 1 of Nuclear receptor binding SET domain containing protein 1	1	1	0.56%	296652.49	8.4
IPI00028915.3	Splice Isoform 1 of Voltage-dependent T-type calcium channel alpha-1H subunit	1	1	1.02%	259163.98	7.13
IPI00402341.2	PREDICTED: hypothetical protein XP_379079	1	1	3.17%	54727.19	9.36
IPI00002756.1	Splice Isoform 1A of Gamma-aminobutyric acid type B receptor, subunit 1	1	1	1.77%	108320.48	8.49
IPI00215651.1	Splice Isoform HSGC-2 of Guanylate cyclase soluble, beta-1 chain	1	1	1.71%	66738.13	5.06
IPI00031386.1	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, alpha	1	1	2.25%	124412.49	7.48
IPI00159494.6	HypotHetical protein	1	1	1.97%	125943.27	8.94
IPI00029079.5	GMP synthase	1	1	2.02%	76715.41	6.42
IPI00465253.1	Hypothetical protein	1	1	1.26%	108635.52	6.04
IPI00014854.1	Early activation antigen	1	1	9.05%	22559.36	6.16
IPI00015135.1	Exostosin-like 3	1	1	1.31%	104749.49	6.08
IPI00026308.1	B cell RAG associated	1	1	2.99%	57527.75	8.94
IPI00003425.4	Pyruvate dehydrogenase kinase, isoenzyme 4 variant	1	1	4.62%	46479.37	6.19
IPI00010368.3	Kinesin-like protein KIF2	1	1	5.60%	76927.17	6.04
IPI00168235.4	Hypothetical protein	1	1	2.08%	71472.13	5.12
IPI00043427.1	Hypothetical protein	1	1	3.52%	32239.43	6.04
IPI00009802.1	Splice Isoform V0 of Versican core protein	1	1	0.32%	372820.56	4.43
IPI00218902.1	Splice Isoform 3 of TRAF2 and NCK interacting kinase	1	1	2.07%	148829.68	6.52
IPI00431738.1	X-linked interleukin-1 receptor accessory protein-like 1 precursor	1	1	2.16%	79968.75	5.87
IPI00012585.1	Beta-hexosaminidase beta chain precursor	1	1	5.04%	63111.46	6.29
IPI00178129.3	52 kDa protein	1	1	2.19%	51791.26	5.97

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00044891.1	Adaptor molecule-1	1	1	2.51%	79217.37	9.62
IPI00004506.3	Potassium channel tetramerisation domain containing protein 5	1	1	6.84%	26092.58	5.89
IPI00002411.2	Inhibitor of kappaB kinase gamma	1	1	2.46%	55787.06	6.3
IPI00413912.1	Hypothetical protein	1	1	2.03%	107094.83	5.58
IPI00386551.1	Kidney androgen-regulated protein precursor	1	1	17.36%	13262.86	3.92
IPI00216772.1	LMOD3 protein	1	1	11.44%	27846.33	4.65
IPI00411343.2	Hypothetical protein	1	1	2.85%	56739.64	5.42
IPI00023608.1	Fanconi anemia group C	1	1	3.58%	63428.76	5.77
IPI00329024.4	Hypothetical protein	1	1	7.12%	61314.64	6.48
IPI00216616.1	Splice Isoform 2 of Nef-associated factor 1	1	1	1.73%	71788.53	6.32
IPI00168279.1	NACHT-, LRR- and PYD-containing protein 6	1	1	2.58%	98734.33	8.44
IPI00477977.1	Novel S100 calcium-binding protein	1	1	11.88%	11301.9	4.99
IPI00019427.2	Hypothetical protein	1	1	1.23%	101981.6	6.17
IPI00374221.4	FLJ43654 protein	1	1	5.24%	30210.16	5.36
IPI00060200.3	Aldose 1-epimerase	1	1	2.92%	37765.51	6.18
IPI00446574.1	Hypothetical protein	1	1	21.49%	13686.96	4.95
IPI00439415.3	Eukaryotic translation initiation factor 4B variant	1	1	2.13%	69151.64	5.55
IPI00017619.1	Nasopharyngeal epithelium specific protein 1	1	1	4.15%	46253.15	9.99
IPI00472263.2	Putative transcription factor-like nuclear regulator	1	1	0.93%	252845.79	5.07
IPI00168507.3	PREDICTED: hypothetical protein MGC35045	1	1	3.71%	96182.9	9.47
IPI00394882.2	Splice Isoform 1 of Ras-related protein Rab-15	1	1	7.08%	24390.65	5.53
IPI00184855.2	Hypothetical protein gs129	1	1	5.30%	43909.63	5.68
IPI00290410.3	Acidic 82 kDa protein mRNA	1	1	2.47%	90670.08	5.71
IPI00005826.1	HERC2 protein	1	1	0.39%	527472.57	5.86
IPI00008144.2	Splice Isoform 1 of Neurabin-	1	1	1.00%	123342.19	5.01
IPI00016661.1	Hypothetical protein	1	1	12.59%	15005.92	4.38
IPI00180454.4	Probable U3 small nucleolar RNA-associated protein 11	1	1	7.91%	30446.49	10.16
IPI00166114.1	Hypothetical protein	1	1	10.94%	13057.94	8.9
IPI00029178.1	Splice Isoform 1 of Transcription regulator protein	1	1	1.43%	92537.01	5
IPI00009049.1	Splice Isoform 1 of SOX-13 protein	1	1	1.69%	98782.39	6.86

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00102543.4	SLIT and NTRK-like protein 1 precursor	1	1	1.15%	77734.88	6.01
IPI00182861.6	Hypothetical protein	1	1	1.46%	101801.15	8.23
IPI00152540.2	OTTHUMP00000016748	1	1	2.35%	161689.04	5.59
IPI00396142.2	Cyclin M2	1	1	3.04%	94424.84	5.86
IPI00016408.3	Hypothetical protein	1	1	8.29%	20378.43	8.12
IPI00456805.1	PREDICTED: similar to Inosine-5-monophosphate dehydrogenase 1 (IMP dehydrogenase 1) (IMPDH-I) (IMPD 1)	1	1	9.65%	27936.99	6.61
IPI00376556.2	PREDICTED: similar to UDP-glucuronosyltransferase 2B4 precursor, microsomal (UDPGT) (Hyodeoxycholic acid) (HLUG25) (UDPGTH-1)	1	1	7.06%	30952.1	6.12
IPI00375927.1	Hypothetical protein DKFZp686F07114	1	1	1.54%	123331.13	6.27
IPI00294653.1	Protein C21orf5	1	1	0.57%	258224.95	5.92
IPI00024370.1	KIAA0613 protein	1	1	4.36%	77738.78	8.39
IPI00295461.1	Splice Isoform 1 of Seprase	1	1	1.32%	87820.9	6.43
IPI00556084.1	59 kDa protein	1	1	2.27%	58636.31	9.82
IPI00413447.3	Apolipoprotein B mRNA editing enzyme, cAtAlytic polypeptide-like 3D	1	1	7.75%	31653.22	9.24
IPI00413009.2	Apolipoprotein(A)	1	1	3.23%	62668.35	6.53
IPI00074966.5	Regulated in COPD kinase transcript variant 1	1	1	0.90%	150537.52	6.61
IPI00413658.5	Hypothetical protein	1	1	2.23%	71505.97	9.34
IPI00008820.2	Rhesus-associated C glycoprotein	1	1	5.22%	53199	5.87
IPI00239405.3	Splice Isoform 1 of Nesprin 2	1	1	0.38%	796385.29	5.26
IPI00300420.1	14 kDa protein	1	1	13.71%	13898.55	9.46
IPI00455580.1	PREDICTED: hypothetical protein DKFZp434C1418	1	1	2.30%	48965.75	8.6
IPI00003519.1	116 kDa U5 small nuclear ribonucleoprotein component	1	1	2.98%	109435.88	4.84
IPI00457228.1	PREDICTED: similar to zinc finger protein 586	1	1	11.48%	13442.75	9.18
IPI00016385.3	Hypothetical protein	1	1	7.54%	21004.56	10.08
IPI00020201.1	CMP-N-acetylneuraminate-poly-alpha-2,8-sialyl	1	1	5.85%	41294.96	9.77
IPI00003813.2	Nectin-like protein 2	1	1	5.66%	48537.04	4.94
IPI00009303.1	DNA-binding protein RFX5	1	1	2.44%	65323.2	9.35
IPI00007692.1	ADAMTS-7 precursor	1	1	1.60%	109694.83	8.01

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00013933.1	Splice Isoform DPI of Desmoplakin	1	1	0.59%	331776.37	6.44
IPI00028417.1	Splice Isoform PBX3a of Pre-B-cell leukemia transcription factor-3	1	1	6.45%	47189.49	6.57
IPI00247674.4	PREDICTED: hypothetical protein XP_292820	1	1	4.63%	68356.99	4.44
IPI00375174.1	AIDA-1b	1	1	1.68%	138185.47	5.93
IPI00024994.1	Splice Isoform 1 of Tubby-like protein 4	1	1	0.84%	169174.28	7.67
IPI00002545.1	Paraneoplastic neuronal antigen MA3	1	1	1.94%	52376.31	9.59
IPI00465164.2	KIAA0194 protein	1	1	1.32%	157652.91	7.88
IPI00306239.4	Katanin p80 WD40-containing subunit B1	1	1	2.14%	72333.71	7.51
IPI00444457.1	Hypothetical protein	1	1	12.50%	13875.99	11.03
IPI00027481.1	Multidrug resistance protein 1	1	1	1.09%	141462.47	9.06
IPI00306604.5	Integrin alpha-5 precursor	1	1	1.43%	114536.88	5.5
IPI00017337.3	Annexin A13 isoform a	1	1	5.06%	35343	5.59
IPI00165984.4	Splice Isoform 1 of WD-repeat protein 35	1	1	1.44%	133547.15	5.98
IPI00057620.3	PREDICTED: similar to hypothetical protein	1	1	3.59%	41969.29	8.59
IPI00102869.3	Hyaluronan synthase 3, isoform b	1	1	5.34%	31199.7	5.64
IPI00006195.1	Splice Isoform 1 of Sodium/potassium/calcium exchanger 1	1	1	2.09%	121374.34	4.9
IPI00007211.3	Splice Isoform 1 of Protein KIAA0831	1	1	2.85%	55309.41	6.59
IPI00397196.2	PREDICTED: similar to C-terminal binding protein 2 isoform 2	1	1	3.95%	39259.38	7.28
IPI00477965.1	PREDICTED: similar to Hypothetical zinc finger protein KIAA1956	1	1	1.59%	100101.54	9.1
IPI00026108.1	Cytosolic phospholipase A2	1	1	3.34%	85211.05	5.22
IPI00295601.1	BM88 antigen	1	1	12.75%	14953.96	9.24
IPI00410319.1	Splice Isoform 1 of Protein C10orf46	1	1	6.50%	41063.94	5.08
IPI00183666.6	Transient receptor potential cation channel subfamily V member 2	1	1	2.62%	85981.32	5.56
IPI00328161.6	FK506-binding protein 8	1	1	4.12%	44649	4.78
IPI00412386.1	62 kDa protein	1	1	3.22%	61640.48	5.77
IPI00045122.2	AIM1 protein	1	1	4.29%	36591.19	5.44

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00217686.3	FtsJ homolog 3	1	1	2.24%	96575.73	8.41
IPI00289776.1	Protein associated with Myc	1	1	0.30%	510399.94	6.67
IPI00256033.4	22 kDa protein	1	1	5.88%	22333.2	5.77
IPI00185219.1	Growth arrest-specific 2 like	1	1	1.87%	75214.3	9.67
IPI00024886.1	Bone morphogenetic protein 5 precursor	1	1	2.42%	51736.78	9.07
IPI00165949.1	Type 1 Tumor necrosis facTor recepTor shedding aminopepTidase regulaTor	1	1	2.11%	107762.19	5.78
IPI00442103.1	Hypothetical protein	1	1	11.43%	16190.98	8.8
IPI00479702.1	61 kDa protein	1	1	5.55%	61136.19	6.28
IPI00031522.2	Trifunctional enzyme alpha subunit, mitochondrial	1	1	2.75%	82999.58	9.16
IPI00479562.1	12 kDa protein	1	1	9.17%	12217.79	9.85
IPI00000035.1	FKSG46	1	1	4.18%	34713.12	9.83
IPI00217669.1	DNA ligase IV	1	1	1.43%	103970.84	8.17
IPI00295503.1	RNA helicase	1	1	1.30%	106613.84	6.03
IPI00107595.3	Zinc finger protein 653	1	1	2.11%	67262.9	6.53
IPI00154567.3	Sperm protein SSP411	1	1	2.12%	89800.06	7.88
IPI00515057.1	Tissue inhibitor of metalloproteinase 3	1	1	11.27%	23226.25	9.12
IPI00394922.1	X-ray radiation resistance associated 1 protein	1	1	2.41%	66128.49	9.14
IPI00296421.2	PREDICTED: tangerin	1	1	0.79%	161855.16	4.8
IPI00107683.4	Splice Isoform 3 of Cold autoinflammatory syndrome 1 protein	1	1	3.21%	83273.46	6.52
IPI00307665.2	Hypothetical protein DKFZp781O2147	1	1	1.69%	166749.19	9.38
IPI00023630.4	Splice Isoform 1 of Apoptotic protease activating factor 1	1	1	2.08%	141839.91	5.96
IPI00442190.1	Hypothetical protein	1	1	15.87%	13965.26	9.16
IPI00008557.2	MRNA-binding protein	1	1	2.43%	63456.45	9.26
IPI00298731.2	Protein phosphatase 1 regulatory subunit 10	1	1	2.66%	99057.87	9.22
IPI00183294.3	Nuclear pore complex protein Nup214	1	1	0.67%	213767.13	6.99
IPI00043560.3	Hypothetical protein	1	1	4.87%	55825.85	9.17
IPI00032393.4	Splice Isoform 2 of Diaphanous protein homolog	1	1	1.09%	124827.64	6.07
IPI00027774.1	THAP domain protein 2	1	1	7.46%	26259.75	10.17
IPI00298793.4	Beta-mannosidase precursor	1	1	3.07%	100895.3	5.33
IPI00102281.1	Hypothetical protein	1	1	3.79%	36961.2	5.28
IPI00028931.1	Desmoglein-2 precursor	1	1	1.34%	122385.01	5.15
IPI00007731.1	BAG-family molecular chaperone regulator-5	1	1	2.24%	51199.69	5.76

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00478957.1	10 kDa protein	1	1	13.10%	10224.35	9.94
IPI00396421.2	Hypothetical protein	1	1	1.39%	89595.32	6.35
IPI00219616.2	Ribose-phosphate pyrophosphokinase I	1	1	4.73%	34703.02	6.56
IPI00384536.3	KIAA1764 protein	1	1	1.42%	122464.47	5.76
IPI00218342.9	C-1-tetrahydrofolate synthase, cytoplasmic	1	1	1.07%	101427.92	6.94
IPI00013941.1	Aortic carboxypeptidase-like protein ACLP	1	1	2.94%	130902.12	5
IPI00043526.3	Protein C14orf44	1	1	3.40%	73693.5	9.45
IPI00465231.2	Tolloid-like 2 protein	1	1	1.28%	113556.92	5.6
IPI00385582.1	X 001 protein	1	1	12.00%	22484.58	9.85
IPI00187159.7	PDZ domain containing 10	1	1	0.98%	144409.73	5.12
IPI00477096.2	Novel protein similar to	1	1	1.04%	148657.13	9.1
IPI00299619.4	PREDICTED: similar to solute carrier family 35,	1	1	7.11%	45346.27	7.04
IPI00019927.2	26S proteasome non-ATPase regulatory subunit 7	1	1	5.56%	37025.3	6.29
IPI00300531.6	BCL2-associated athanogene isoform 1L	1	1	6.38%	38878.01	8.27
IPI00063404.4	Hypothetical protein RC68	1	1	3.33%	67662.54	8.27
IPI00061507.1	PTD012 protein	1	1	2.64%	29491.69	5.35
IPI00064377.2	Tumor necrosis factor receptor superfamily member 19L precursor	1	1	6.28%	46092	8.75
IPI00332911.2	18 kDa protein	1	1	14.46%	17957.47	8.45
IPI00396004.1	Hypothetical protein	1	1	5.58%	22343.23	4.8
IPI00019383.1	Galactokinase	1	1	2.81%	42272.43	6.04
IPI00175182.1	PREDICTED: similar to hypothetical protein DKFZp727G131	1	1	2.59%	76033.54	8.33
IPI00031085.3	Hypothetical protein DKFZp761C121	1	1	4.27%	47070.64	6.57
IPI00002341.3	FLJ22386 protein	1	1	5.92%	32210.08	8.3
IPI00029400.1	Splice Isoform ZIS-1 of Zinc finger protein 265	1	1	4.15%	38223.05	8.95
IPI00030223.3	Glycylpeptide N-tetradecanoyltransferase 2	1	1	3.01%	56980.26	7.23
IPI00294448.1	Splice Isoform 1 of Ubiquitin protein ligase Praja1	1	1	2.02%	71002.93	5.05
IPI00044751.4	M-phase phosphoprotein 1	1	1	0.71%	210629.54	5.54
IPI00013885.1	Caspase-14 precursor	1	1	4.55%	27679.58	5.44
IPI00235626.2	PREDICTED: hypothetical protein PRO2325	1	1	14.14%	22953.82	10.2

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00400977.2	PREDICTED: similar to SH3 and multiple ankyrin repeat domains protein 2 (Shank2) (Proline-rich synapse associated protein 1) (ProSAP1) (Cortactin-binding protein 1) (CortBP1) (GKAP/SAPAP interacting protein) (SPANK-3)	1	1	6.42%	29257.02	10.01
IPI00025819.1	Splice Isoform I of Calpain-3	1	1	2.07%	94253.73	5.81
IPI00009960.6	Splice Isoform 1 of Mitochondrial inner membrane protein	1	1	1.72%	83678.12	6.08
IPI00019433.2	G protein-coupled receptor 68	1	1	5.33%	42087.96	8.29
IPI00167638.3	Hypothetical protein	1	1	6.72%	43015.88	9.17
IPI00064201.4	PREDICTED: KIAA1817 protein	1	1	1.34%	205296.77	8.85
IPI00419992.1	Putative non-ribosomal peptide synthetase NRPS1098	1	1	0.73%	122625.2	6.9
IPI00031411.1	Cadherin-related tumor suppressor homolog precursor	1	1	0.63%	506278.2	4.84
IPI00442195.1	Hypothetical protein	1	1	2.79%	63162.85	9.16
IPI00020672.3	Dipeptidyl-peptidase III	1	1	1.06%	84333.37	4.95
IPI00447177.1	Antigen MLAA-23	1	1	10.76%	17772.43	9.83
IPI00300504.3	Splice Isoform 1 of Regulator of nonsense transcripts 2	1	1	1.81%	147810.34	5.5
IPI00006091.1	Splice Isoform 4 of	1	1	0.43%	426676.8	5.64
IPI00024705.1	RGS19-interacting protein 1	1	1	5.11%	36049.31	5.9
IPI00387095.1	Ig kappa chain V-I region Ka	1	1	14.81%	11284.76	9.01
IPI00419527.1	FLJ43980 protein	1	1	4.05%	35410.42	5.16
IPI00007193.3	Novel protein	1	1	0.64%	196410.62	5.54
IPI00020566.1	PRO1722	1	1	19.49%	13066.97	9.3
IPI00477289.1	10 kDa protein	1	1	23.66%	9603.88	6.28
IPI00019006.2	Toll-like receptor 2 precursor	1	1	2.17%	89837.64	6.17
IPI00016334.1	Cell surface glycoprotein MUC18 precursor	1	1	5.11%	71793.78	5.65
IPI00022991.1	Splice Isoform Alpha-2 of Thyroid hormone receptor	1	1	3.47%	54815.68	6.42
IPI00175151.3	PREDICTED: KIAA1546 protein	1	1	1.27%	79478.91	8.49
IPI00292953.2	RAI14 isoform	1	1	1.42%	110422.78	5.79
IPI00008087.3	Follistatin-related protein 5 precursor	1	1	2.36%	95750.95	5.61
IPI00234154.1	PREDICTED: similar to RIKEN cDNA 5730467H21	1	1	2.02%	85742.87	9.64
IPI00376045.1	Hypothetical protein	1	1	4.31%	71039.01	7.34
IPI00184097.2	34 kDa protein	1	1	8.80%	33771.4	5.37

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00030268.3	Hypothetical protein DKFZp686J0539	1	1	1.31%	89233	4.21
IPI00465294.2	Pombe Cdc5-related protein	1	1	2.24%	92250.82	8.22
IPI00297288.4	Cdc42 GTPase-activating protein	1	1	0.69%	157015.63	5.55
IPI00017684.5	Hypothetical protein DKFZp434B2119	1	1	9.13%	28697.03	9.17
IPI00022388.1	Dihydropyrimidinase related protein-4	1	1	2.80%	61905.66	6.79
IPI00007273.3	Zinc finger and BTB domain containing protein 1	1	1	1.96%	82016.22	5.97
IPI00008756.5	Splice Isoform 1 of Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8	1	1	0.65%	372210.09	6.38
IPI00514624.3	Adaptor-related protein complex 4, beta 1 subunit	1	1	2.45%	64574.69	5.31
IPI00168720.1	FLJ00391 protein	1	1	16.13%	14176.36	8.89
IPI00018071.2	Orphan sodium- and chloride-dependent neurotransmitter transporter NTT73	1	1	4.38%	81836.37	5.06
IPI00074943.1	Splice Isoform 3 of Sal-like protein 3	1	1	2.00%	135372.62	6.57
IPI00024344.2	Secretory pathway Ca2+/Mn2+ transport ATPase SPCA1d protein	1	1	1.69%	104032.05	6.02
IPI00295616.1	Olfactory receptor 5AS1	1	1	2.78%	36652.58	8.63
IPI00028229.3	RSDK2559	1	1	2.66%	60284.4	8.15
IPI00002857.1	Mitogen-activated protein kinase 14 isoforM 2	1	1	7.78%	41293.35	5.48
IPI00329756.1	Hypothetical protein	1	1	5.85%	23551.61	5.31
IPI00028082.1	Reversion-inducing cysteine-rich protein with Kazal motifs precursor	1	1	1.24%	106457.55	6.35
IPI00455228.1	PREDICTED: similar to hect domain and RLD 2	1	1	8.46%	21449.71	11.22
IPI00219740.3	Splice Isoform 2 of DNA replication licensing factor MCM7	1	1	6.94%	44648.96	5.93
IPI00218001.1	Probable G-protein coupled receptor 111	1	1	2.12%	78568.44	8.45
IPI00019180.1	Glypican-5 precursor	1	1	4.37%	63706.95	6.38
IPI00043862.3	Hypothetical protein	1	1	3.32%	64007.18	9.2
IPI00186853.5	Pecanex-like 2	1	1	3.60%	62587.04	4.94
IPI00020072.3	Hypothetical protein	1	1	2.48%	36668.21	6.11
IPI00456852.1	PREDICTED: similar to KIAA0592 protein	1	1	1.55%	49105.26	4.49

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00026580.1	Splice Isoform 1 of Oral-facial-digital syndrome 1	1	1	1.58%	116671.53	5.82
IPI00301051.3	Hypothetical protein	1	1	1.24%	79443.53	5.33
IPI00029444.1	MYG1 protein	1	1	9.31%	42445.54	6.25
IPI00003964.1	Splice Isoform Short of Probable ubiquitin carboxyl-terminal hydrolase FAF-X	1	1	0.86%	289623.45	5.51
IPI00183462.5	Exosome complex exonuclease RRP44	1	1	0.97%	105095.57	6.82
IPI00145674.7	PREDICTED: similar to matrilin 2 precursor	1	1	3.60%	49524.76	5.01
IPI00464973.2	PREDICTED: odz, odd Oz/ten-m homolog 4	1	1	0.46%	379431.22	6.89
IPI00328972.1	NALP9	1	1	2.23%	112593.64	6.36
IPI00302592.1	FLJ00343 protein	1	1	0.91%	281429.71	5.77
IPI00164067.1	R33243_2, partial protein	1	1	6.35%	27630.01	4.91
IPI00337759.1	HypotHetical protein LOC222223	1	1	2.15%	87062.57	6.04
IPI00455528.1	PREDICTED: similar to hypothetical protein	1	1	1.04%	133906.84	7.11
IPI00217373.1	F-box only protein 16	1	1	5.14%	34588.07	10.05
IPI00428401.1	Splice Isoform 1 of Methyl-CpG-binding domain protein	1	1	1.20%	159852.02	9.14
IPI00004859.1	Bloom's syndrome protein	1	1	0.85%	159000.48	7.33
IPI00239992.2	47 kDa protein	1	1	6.65%	47297	9.32
IPI00013272.1	Splice Isoform 1 of Golgi autoantigen, golgin subfamily A member 4	1	1	0.45%	261140.4	5.33
IPI00293921.3	DNA topoisomerase II binding protein 1	1	1	1.51%	170678.72	6.47
IPI00220513.1	Splice Isoform 3 of Neurofibromin	1	1	2.72%	62300.28	8.04
IPI00328911.1	E3 ligase for inhibin receptor	1	1	0.96%	289611.27	5.29
IPI00300599.3	Cathepsin K precursor	1	1	6.69%	36965.93	8.72
IPI00247240.3	PREDICTED: similar to hypothetical protein	1	1	6.49%	33875.02	6.55
IPI00014792.1	Potassium channel subfamily K member 9	1	1	6.15%	42264	8.85
IPI00456828.2	OTTHUMP00000000464	1	1	1.70%	130343.71	8.58
IPI00332067.2	131 kDa protein	1	1	0.77%	131002.2	6.88
IPI00018027.2	Splice Isoform 1 of Angiogenic factor with G patch and FHA domains 1	1	1	4.20%	80977.44	5.29
IPI00166491.2	PHF2 protein	1	1	4.26%	50729.64	9.15
IPI00027272.1	Breast cancer 1, early onset isoform BRCA1-delta14-17	1	1	0.62%	181426.03	5.41

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00339242.1	Splice Isoform 1 of Protein C6orf165	1	1	3.86%	71192.95	6.38
IPI00030976.2	Splice Isoform 1 of High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A	1	1	2.53%	93304.1	5.75
IPI00032224.1	PRO1995	1	1	12.38%	11742.43	10.1
IPI00216800.5	Similar to phospholipase A2, group IVB	1	1	1.18%	93281.03	4.99
IPI00005191.2	Zinc finger protein 307	1	1	2.94%	61579.4	7.56
IPI00328298.6	Splice Isoform 2 of Structural maintenance of chromosomes 4-like 1 protein	1	1	1.95%	140278.2	6.39
IPI00023484.1	P5327	1	1	3.32%	49326.43	8.81
IPI00398878.2	PREDICTED: similar to amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein	1	1	16.52%	12327.32	10.02
IPI00236062.4	PREDICTED: similar to growth arrest-specific 2 like 1	1	1	4.55%	49233.96	9.51
IPI00221354.1	Splice Isoform Short of RNA-binding protein FUS	1	1	4.00%	53354.74	9.4
IPI00307611.2	PREDICTED: KIAA0303 protein	1	1	0.48%	294409.97	8.97
IPI00183018.3	Splice Isoform 1 of Protein MICAL-2	1	1	1.16%	126689.22	8.9
IPI00328268.8	Hypothetical protein	1	1	1.07%	146871.13	5.79
IPI00030876.3	Diaphanous 1	1	1	1.18%	141303.79	5.36
IPI00413874.1	Splice Isoform 2 of Telomerase protein	1	1	0.69%	289503.55	8.34
IPI00018363.4	KIAA2016 protein	1	1	1.72%	76764.96	9.06
IPI00010740.1	Splice Isoform Long of Splicing factor, proline-and	1	1	2.12%	76149.73	9.45
IPI00220030.1	Splice Isoform Alpha of	1	1	3.23%	60936.75	5.92
IPI00003495.1	MASL1 protein	1	1	1.71%	116911.35	8.02
IPI00216992.3	PREDICTED: KIAA2025 protein	1	1	1.50%	125824.01	6.86
IPI00024414.1	Splice Isoform SV7 of PITSLRE serine/threonine-protein kinase CDC2L2	1	1	4.28%	45229.19	9.28
IPI00219798.1	Splice Isoform 1 of Roundabout homolog 1	1	1	1.70%	180929.87	5.7
IPI00023503.1	Cell division protein kinase 3	1	1	4.26%	35045.82	8.86
IPI00397889.1	PREDICTED: similar to RIKEN cDNA 4930433I11	1	1	1.63%	100169.62	9.12

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00402246.2	PREDICTED: similar to 60S ribosomal protein L12	1	1	5.76%	45770.34	9.92
IPI00411331.1	61 kDa protein	1	1	3.92%	60976.26	7.99
IPI00394833.2	Novel zinc finger protein	1	1	1.71%	61181.18	8.78
IPI00102259.3	PWWP domain containing 1	1	1	5.18%	27233.87	4.5
IPI00457284.1	HypotHetical protein	1	1	1.00%	164198.09	8.81
IPI00552841.1	ADAMTS8 protein	1	1	3.16%	98741.75	7.31
IPI00022470.1	Zinc finger protein 516	1	1	1.03%	124289.51	9.02
IPI00549870.1	Speedy C isoform	1	1	5.12%	33166.39	8.4
IPI00550846.1	Similar to RIKEN cDNA 2310039H08	1	1	16.83%	10566.12	8.02
IPI00015526.2	Splice Isoform 1 of Histone-lysine N-methyltransferase, H3 lysine-9 specific 5	1	1	2.37%	138181.95	5.64
IPI00383248.1	Putative zinc finger protein	1	1	0.66%	135067.8	8.32
IPI00027971.1	ADP-ribosylation factor-like protein 4L	1	1	6.97%	22168.58	9.94
IPI00062730.5	Hypothetical protein	1	1	5.88%	23731.67	5.93
IPI00217923.1	DAZ interacting protein 1-	1	1	1.96%	86771.14	6.72
IPI00221299.1	Splice Isoform FOXJ2.S of Forkhead box protein J2	1	1	3.23%	57220.39	6.83
IPI00300094.5	Hypothetical protein DKFZp434E248	1	1	1.06%	75226.43	5.86
IPI00397977.4	Hypothetical protein	1	1	12.86%	25813.35	9.16
IPI00384508.1	Hypothetical MGC48595	1	1	2.35%	111877.29	9.12
IPI00290903.5	Hypothetical protein LOC130951	1	1	1.32%	59386.05	6.4
IPI00456340.1	PREDICTED: hypothetical protein XP_498768	1	1	5.37%	27320.15	9.89
IPI00441030.2	LOC493860 protein	1	1	2.77%	55587.88	5.23
IPI00021634.3	Kinesin light chain 2	1	1	2.25%	68934.8	6.72
IPI00025076.1	Splice Isoform TrkA-II of High affinity nerve growth factor receptor precursor	1	1	2.39%	87511.3	6.17
IPI00002596.3	Tyrosine specific protein phosphatase and dual specificity protein phosphatase family protein	1	1	2.36%	66497.53	6.11
IPI00291983.3	Splice Isoform 1 of Metal-response element-binding transcription factor 2	1	1	2.02%	67089.56	9
IPI00002354.4	Hypothetical protein DKFZp781A1155	1	1	4.91%	49137.8	8.4
IPI00175260.1	Hypothetical protein	1	1	13.07%	21298.47	6.73
IPI00002355.1	Calcineurin-binding protein Cabin 1	1	1	0.59%	246353.05	5.7

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00216164.2	Peroxisomal bifunctional	1	1	1.52%	79208.62	9.22
IPI00168525.2	PREDICTED: similar to hypothetical protein	1	1	1.62%	108669.38	10.24
IPI00007748.1	Interleukin-7 precursor	1	1	18.64%	20186.61	8.87
IPI00394951.1	Ubiquitin-specific protease 17-like protein	1	1	3.40%	59589.78	7.81
IPI00454831.1	PREDICTED: hypothetical protein XP_499176	1	1	9.47%	27302.65	9.36
IPI00337556.1	Hypothetical protein	1	1	7.95%	20108.93	5.95
IPI00152653.2	Ciliary dynein heavy chain 5	1	1	0.43%	529005.37	5.79
IPI00005031.1	Protocadherin-Xa	1	1	1.86%	112725.61	4.81
IPI00103742.2	Slingshot homolog 1	1	1	1.72%	115539.57	5.87
IPI00401264.5	Thioredoxin domain containing protein 4 precursor	1	1	4.43%	46971.37	5.09
IPI00008500.3	HCLA-iso	1	1	4.31%	39157.28	10.37
IPI00396286.3	Splice Isoform 1 of Dual-specificity tyrosine-phosphorylation regulated kinase 4	1	1	3.46%	59608.5	9.03
IPI00376589.2	PREDICTED: similar to 28 kDa heat- and acid-stable phosphoprotein (PDGF-associated protein) (PAP) (PDGFA-associated protein 1) (PAP1)	1	1	9.74%	17532.78	9.39
IPI00014820.1	PRO3121	1	1	22.67%	8685.13	9.4
IPI00187144.4	C9orf52 protein	1	1	2.62%	74001.71	8.29
IPI00382421.1	Ig lambda chain V-I region NEW	1	1	11.71%	11452.69	7.99
IPI00418551.1	Hypothetical protein	1	1	2.08%	62771.27	8.95
IPI00032374.3	Splice Isoform 2 of Protein KIAA0179	1	1	1.49%	82159.84	9.81
IPI00296777.3	SPARC-like protein 1	1	1	2.41%	75215.83	4.68
IPI00169420.1	Splice Isoform 1 of Zinc finger protein 462	1	1	0.64%	161530.37	8
IPI00180305.4	Retinoblastoma-associated factor 600	1	1	0.31%	573841.63	5.7
IPI00152627.1	Splice Isoform 1 of EMSY protein	1	1	1.13%	141467.36	9.37
IPI00012514.1	Homeobox protein Hox-B5	1	1	4.83%	29434.62	9.1
IPI00045208.2	Zinc finger protein 300	1	1	3.15%	68657.16	9.02
IPI00166612.7	Cardiomyopathy assoCiated 5	1	1	0.42%	449212.86	4.73
IPI00100362.1	Splice Isoform 2 of Band 4.1-like protein 4B	1	1	2.78%	56999.85	9.39
IPI00020356.3	Microtubule-associated protein 1A	1	1	0.57%	303477.52	4.86

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00009468.6	37 kDa protein	1	1	5.20%	37208.89	8.96
IPI00293748.1	Multiple inositol polyphosphate phosphatase	1	1	2.67%	55157.47	8.18
IPI00454865.1	PREDICTED: similar to	1	1	9.74%	17474.23	5.88
IPI00044749.5	Splice Isoform 1 of Serine/threonine-protein kinase Nek1	1	1	1.67%	143118.1	5.67
IPI00101026.3	Transporter 1, ATP-binding cassette, sub-family B	1	1	1.98%	87217.83	8.24
IPI00056430.1	Connexin62	1	1	3.13%	61871.92	7.89
IPI00164944.1	Hypothetical protein	1	1	3.58%	31856.49	6.54
IPI00177323.5	FLJ00233 protein	1	1	2.99%	58872.41	4.93
IPI00010463.3	GTP-binding protein 1	1	1	2.74%	63445.77	9.16
IPI00006714.2	Splice Isoform 3 of Tyrosine-protein phosphatase, non-receptor type 13	1	1	0.61%	275607.43	6
IPI00377041.1	CUB and Sushi multiple domains 3 isoform 1	1	1	0.51%	406000.17	5.63
IPI00455695.1	PREDICTED: similar to	1	1	2.90%	59494.08	8.49
IPI00431847.1	ZNF415 protein	1	1	3.51%	62646.05	9.39
IPI00010279.3	Membrane interacting protein of RGS16	1	1	7.25%	37718.39	6.22
IPI00298281.3	Laminin gamma-1 chain precursor	1	1	0.50%	177607.15	5.01
IPI00012058.1	Brain-derived neurotrophic factor precursor	1	1	8.10%	27817.9	9.01
IPI00293327.3	P2X purinoceptor 4	1	1	5.93%	43385.08	8.29
IPI00329749.2	RIN3	1	1	1.73%	107854.05	6.17
IPI00375866.5	PREDICTED: hypothetical protein FLJ32810	1	1	3.38%	90341.89	8.05
IPI00017451.1	Splicing factor 3 subunit 1	1	1	1.77%	88886.55	5.15
IPI00171833.1	MGC15407 protein	1	1	9.36%	39422.76	4.96
IPI00456667.1	HERV-K_22q11.21 provirus ancestral Pol protein	1	1	5.51%	28917.86	9.24
IPI00186006.3	Centrosomal colon cancer autoantigen protein	1	1	2.81%	82682.09	5.59
IPI00397909.3	Ankyrin repeAt domAin 36	1	1	2.81%	56448.55	6.78
IPI00015864.1	2-5A-dependent ribonuclease	1	1	2.56%	83532.87	6.2
IPI00015868.3	OTTHUMP00000018247	1	1	4.00%	46940.76	6.79
IPI00166484.1	Solute carrier family 25, member 16	1	1	7.83%	36223.53	9.87
IPI00418129.1	HERV-K_5q33.3 provirus ancestral Env polyprotein	1	1	5.28%	66407.57	8.46
IPI00023014.1	Von Willebrand factor	1	1	0.75%	309299.27	5.32
IPI00302641.1	Protocadherin Fat 2 precursor	1	1	0.25%	479392.93	5.01
IPI00183054.1	Mind bomb	1	1	2.58%	110135.67	6.47

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00184266.2	LAMB4 protein	1	1	1.87%	82772.85	7.59
IPI00007403.1	RIG	1	1	9.09%	11984.05	8.36
IPI00480027.1	OTTHUMP00000022537	1	1	1.32%	127351.89	8.84
IPI00386993.2	KIAA0623 protein	1	1	1.09%	118848.56	8.97
IPI00337544.6	Phosphodiesterase 4D interacting protein	1	1	2.38%	128627.19	5.08
IPI00328291.1	Hypothetical protein	1	1	2.42%	83572.45	9.84
IPI00028275.1	CH-TOG protein	1	1	1.23%	225508.53	8.03
IPI00032325.1	Cystatin A	1	1	12.24%	11006.44	5.38
IPI00016580.6	Splice Isoform 1 of Protein C20orf172	1	1	4.21%	40067.27	6.57
IPI00217001.2	PREDICTED: chromosome 14 open reading frame 78	1	1	0.32%	597967.09	5.28
IPI00335385.3	Scavenger mRNA decapping enzyme DcpS	1	1	2.97%	38681.01	5.84
IPI00000648.1	HSPC093	1	1	26.92%	11696.18	9.65
IPI00303476.1	ATP synthase beta chain, mitochondrial precursor	1	1	2.46%	56559.96	5.26
IPI00152420.1	Splice Isoform 1 of Zinc finger protein 398	1	1	4.36%	71311.39	6.2
IPI00302029.4	Hypothetical protein DKFZp434C191	1	1	2.21%	50969.1	5.16
IPI00291596.2	OTTHUMP00000040461	1	1	1.46%	86643.86	5.05
IPI00303376.2	Seven transmembrane helix receptor	1	1	10.91%	36578.63	9.92
IPI00001575.1	Oxysterol binding protein-related protein 7	1	1	1.90%	95431.78	8.31
IPI00022355.1	Olfactory receptor 2D2	1	1	3.25%	34130.77	9.23
IPI00027157.1	CENP-F kinetochore protein	1	1	0.50%	367594.88	5.03
IPI00183350.1	Splice Isoform 3 of Death associated transcription factor	1	1	3.74%	61353.98	7.07
IPI00396098.1	HypotHetical protein LOC168850	1	1	3.77%	75235.69	9.54
IPI00182194.4	PREDICTED: odz, odd Oz/ten-m homolog 2	1	1	0.65%	339550.96	6.26
IPI00178854.1	Splice Isoform 1 of Contactin 4 precursor	1	1	1.07%	113453.55	7.24
IPI00025809.1	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	1	1	4.70%	51550.32	8.99
IPI00096066.2	Succinyl-CoA ligase [GDP-forming] beta-chain, mitochondrial precursor	1	1	3.94%	46510.56	6.15
IPI00045492.1	Gamma-tubulin complex component 5	1	1	1.46%	118321	5.58
IPI00219274.3	Synaptotagmin-2	1	1	4.77%	46830	8.18

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00017030.1	Splice Isoform 1 of Myosin XVIIIA	1	1	0.58%	233547.32	5.99
IPI00298977.4	KIAA1048 protein	1	1	1.45%	97727.98	9.23
IPI00414328.1	Bactericidal/permeability-increasing protein-like 3 precursor	1	1	3.97%	49716.52	8.97
IPI00396010.3	Expressed in hematopoietic cells, heart, liver	1	1	4.05%	92513.17	5.18
IPI00029693.1	Splice Isoform A22 of Neuropilin-2 precursor	1	1	1.83%	104830.93	5.04
IPI00383071.1	PREDICTED: similar to Triosephosphate isomerase (TIM)	1	1	6.02%	26942.7	8.21
IPI00292548.3	Rhophilin 2	1	1	2.04%	76993.38	6.35
IPI00029449.6	Vang-like protein 2	1	1	3.45%	59714.66	9.27
IPI00394960.2	Splice Isoform 1 of Probable G-protein coupled receptor 133 precursor	1	1	1.72%	96529.89	8.02
IPI00375230.2	OTTHUMP00000040030	1	1	4.04%	69877.38	5.33
IPI00159901.2	Centaurin, gamma-like family, member 5	1	1	2.41%	73068.34	6.33
IPI00304621.4	KIAA1729 protein	1	1	1.37%	113717.62	9.55
IPI00001592.1	Splice Isoform 2 of Transmembrane glycoprotein NMB precursor	1	1	6.07%	62643.13	6.17
IPI00217863.2	Novel protein	1	1	2.36%	63177.18	9.67
IPI00288993.6	Transmembrane gamma-carboxyglutamic acid protein 3 precursor	1	1	5.63%	25848.34	5.75
IPI00293200.2	OTTHUMP00000039816	1	1	0.59%	283851.48	5.3
IPI00251344.2	351 kDa protein	1	1	0.39%	351223.95	5.68
IPI00329084.1	Fibrocystin L	1	1	0.49%	465747.83	5.71
IPI00004924.2	IRF4-binding protein	1	1	2.06%	73897.65	5.78
IPI00004433.1	Contactin 6 precursor	1	1	2.04%	113956.27	5.73
IPI00477246.1	83 kDa protein	1	1	1.13%	82705.05	9.78
IPI00177878.7	Hypothetical protein	1	1	2.55%	63985.8	7.49
IPI00218730.4	Rod cGMP-specific 3',5'-cyclic phosphodiesterase	1	1	1.16%	99503.27	5.48
IPI00101600.3	CWF19-like 1, cell cycle	1	1	2.04%	60647.29	6.87
IPI00456492.2	Ciliary rootlet coiled-coil, rootletin	1	1	0.35%	228524.94	5.45
IPI00456878.1	PREDICTED: very large inducible GTPase 1	1	1	0.54%	278892.9	6.12
IPI00434781.1	C75F	1	1	15.44%	17220.12	7.76
IPI00411937.2	Nucleolar protein Nop56	1	1	2.18%	66236.17	9.21

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00005668.3	Similar to Aldo-keto reductase family 1 member C2	1	1	8.26%	37132.83	7.13
IPI00472794.3	FCH domain only 2	1	1	2.47%	88921.44	6.42
IPI00455686.1	PREDICTED: similar to Keratin, type I cytoskeletal 18 (Cytokeratin 18) (K18) (CK	1	1	4.28%	48499.83	4.82
IPI00004047.1	Splice Isoform 1 of	1	1	2.09%	82254.69	6.12
IPI00151170.3	Dual specificity protein kinase TTK	1	1	2.02%	95279.29	8.66
IPI00017457.2	F<lambda>8 protein	1	1	36.96%	5550.3	4.65
IPI00419172.1	Hypothetical protein	1	1	9.63%	32609.62	11.95
IPI00384120.1	Full-length cDNA 5-PRIME end of clone CS0DI052YD12 of Placenta of Homo sapiens	1	1	12.20%	13301.77	11.31
IPI00289095.1	Sodium- and chloride-dependent transporter XTRP2	1	1	3.98%	70925.03	7.03
IPI00549408.1	HSPC171 protein	1	1	15.61%	19641.91	9.33
IPI00171404.2	Hypothetical protein	1	1	1.73%	130027.77	6.82
IPI00479735.1	C10orf56 protein	1	1	6.31%	32150.38	9.42
IPI00396292.1	Hypothetical protein	1	1	11.66%	24415.32	6.7
IPI00304223.4	Possible integral membrane	1	1	4.41%	64873.67	9.42
IPI00166164.1	Hypothetical protein	1	1	6.01%	18932.08	12.16
IPI00019490.1	Transcription factor E3	1	1	2.15%	80007.77	7.63
IPI00385420.3	41 kDa protein	1	1	4.05%	40795.54	8.01
IPI00402621.2	PREDICTED: hypothetical protein XP_379501	1	1	4.65%	26432.09	11.44
IPI00012166.1	C-X-C chemokine receptor type 6	1	1	4.09%	39280.37	8.28
IPI00185448.2	Hypothetical protein DKFZp566G0346	1	1	8.24%	19013.65	9.51
IPI00419450.2	F-box only protein 46	1	1	2.17%	69031.28	8.31
IPI00399077.2	PREDICTED: similar to Laminin receptor 1	1	1	7.56%	39890.47	5.2
IPI00045360.1	Capicua protein	1	1	0.75%	163790.54	8.74
IPI00216356.1	Splice Isoform 2 of RasGAP-activating-like protein 1	1	1	1.68%	86827.82	6.02
IPI00290856.2	Lymphatic endothelium-specific hyaluronan receptor	1	1	3.42%	35238.36	8.76
IPI00024641.2	SET and MYND domain containing 2	1	1	3.46%	49688.2	6.27
IPI00181750.4	Hypothetical protein	1	1	4.58%	33729.58	10.89
IPI00477242.1	Autoantigen	1	1	0.82%	131858.93	5.45
IPI00167273.3	Hypothetical protein	1	1	9.17%	35380.72	6.63
IPI00186460.5	AlphA 1 type II collAgen isoform 2, preproprotein	1	1	1.13%	134375.35	8.74

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00455934.1	PREDICTED: similar to Arachidonate 15-lipoxygenase (Arachidonate omega-6 lipoxygenase) (15-LOX)	1	1	0.85%	103370.46	8.35
IPI00294682.1	Cofactor required for Sp1 transcriptional activation subunit 7	1	1	1.50%	65480.7	9.27
IPI00329264.3	Diacylglycerol kinase eta1	1	1	1.29%	128035.46	5.92
IPI00102997.1	Werner helicase interacting protein, isoform 2	1	1	2.03%	69459.3	5.86
IPI00220335.1	Splice Isoform 2 of Advanced glycosylation end product-specific receptor precursor	1	1	3.80%	36193.31	9.71
IPI00009066.1	Protein tyrosine phosphatase	1	1	12.69%	15233.43	6.1
IPI00298883.6	5-azacytidine induced 1 isoform a	1	1	2.41%	121759.86	8.84
IPI00142487.2	Mixed lineage kinase 4	1	1	1.16%	113957.12	8.97
IPI00216560.3	Cadherin related 23	1	1	0.68%	369822.55	4.5
IPI00219771.2	Splice Isoform 1 of Calcium-activated potassium channel beta subunit 1	1	1	19.47%	21667.12	8.87
IPI00006496.5	Pecanex-like 2	1	1	3.22%	86628.16	7.55
IPI00217101.4	Calcium-activated potassium channel beta subunit 4	1	1	7.14%	23948.66	6.29
IPI00409687.1	Ion transporter JSX	1	1	4.60%	54888.4	5.77
IPI00001895.1	Splice Isoform 1 of Protocadherin 8 precursor	1	1	0.93%	113019.02	5.35
IPI00382871.3	Zinc finger protein 36	1	1	3.02%	63602.2	6.6
IPI00151119.6	Kinesin family member C3	1	1	1.73%	77853.13	6.41
IPI00152730.1	FLJ00240 protein	1	1	4.70%	42257.68	9.03
IPI00014802.1	Probable G-protein coupled receptor 85	1	1	6.49%	41994.83	9.75
IPI00031042.1	Hypothetical protein DKFZp434F054	1	1	3.67%	88206.93	6.05
IPI00401688.1	PREDICTED: KIAA0492 protein	1	1	5.76%	29435.65	9.18
IPI00004367.3	FXYD domain-containing ion transport regulator 6 precursor	1	1	26.32%	10542.33	5.05
IPI00024114.3	Putative GTP-binding protein	1	1	3.45%	43955.47	9.52
IPI00003062.1	Hugl protein	1	1	1.23%	114379.16	5.71
IPI00295485.1	Heat shock 70 kDa protein 4L	1	1	1.55%	94486.47	5.63
IPI00025340.3	Pyridoxal phosphate phosphatase	1	1	5.74%	31698.33	6.12
IPI00010088.1	Histone deacetylase 4	1	1	1.85%	119070.06	6.49
IPI00007626.1	Inward rectifier potassium channel 4	1	1	3.37%	49500.23	5.82

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00103871.3	Splice Isoform 1 of Roundabout homolog 4	1	1	1.19%	107457.92	6.18
IPI00477656.1	Alpha-mannosidase	1	1	4.00%	46315	6.27
IPI00145260.3	Novel transcript	1	1	6.18%	38155.1	9.88
IPI00063025.1	Aspartoacylase 2	1	1	5.96%	35241.07	5.57
IPI00238277.3	PREDICTED: KIAA1086	1	1	1.30%	100215	8.85
IPI00419014.2	Chromosome 9 open reading frame 48	1	1	0.81%	136422.81	6.83
IPI00444572.2	Signal-induced proliferation-associated 1 like 2	1	1	0.58%	190437.99	6.31
IPI00292894.2	Hypothetical protein	1	1	1.98%	75117.84	5.43
IPI00024134.1	Ig kappa chain V-I region Walker precursor	1	1	16.28%	14069	9.15
IPI00298421.5	DMRT-like family A1	1	1	3.37%	53124.91	9.15
IPI00166044.1	Splice Isoform 1 of Regulatory associated protein	1	1	1.80%	149037.79	6.43
IPI00044369.2	ARFP2514	1	1	2.08%	59583.17	5.99
IPI00410096.1	Selective LIM binding factor, rat homolog	1	1	1.09%	197576.23	5.78
IPI00167943.2	Gametogenetin protein 1a	1	1	4.14%	66870.08	10.46
IPI00387017.1	Microtubule-associated proteins 1A/1B light chain 3C	1	1	8.16%	16851.65	9.14
IPI00383779.1	Unidentified mRNA mapping to CMT1A-REP elements, partial cds.	1	1	7.14%	22097.73	9.11
IPI00457080.1	PREDICTED: similar to submaxillary apomucin	1	1	0.37%	694609.67	4.83
IPI00168631.1	Hypothetical protein	1	1	5.12%	49482.03	8.84
IPI00044741.2	Hypothetical protein	1	1	6.44%	28244.78	11.15
IPI00297178.5	Putative pre-mRNA splicing factor RNA helicase	1	1	1.73%	119392.28	6.46
IPI00017410.1	Hypothetical protein	1	1	8.12%	17246.49	11.26
IPI00294402.1	Origin recognition complex subunit 3	1	1	1.69%	82254.22	7.54
IPI00028083.1	Translation initiation factor eIF-2B beta subunit	1	1	3.70%	38989.71	5.77
IPI00012772.6	60S ribosomal protein L8	1	1	4.28%	28010.55	11.04
IPI00059662.1	Thymus expressed gene 3-	1	1	7.67%	41459.77	11.67
IPI00297151.2	Poly (ADP-ribose) polymerase family, member	1	1	6.50%	36469.92	9.17
IPI00395699.3	Hypothetical protein	1	1	3.22%	37148.19	9.18
IPI00106847.2	Splice Isoform GTBP-alt of DNA mismatch repair protein MSH6	1	1	1.22%	120634.91	8.03
IPI00015421.1	OTTHUMP00000016633	1	1	2.05%	70246.11	6.3

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00464985.3	HypotHetical protein LOC23355 isoform a	1	1	1.12%	161753.87	5.41
IPI00174388.3	PREDICTED: DKFZP434M131 protein	1	1	0.83%	132081.41	9.52
IPI00328978.2	Cathepsin W precursor	1	1	7.18%	42099.12	7.16
IPI00185763.1	PREDICTED: similar to hypothetical protein	1	1	26.61%	12311.61	8.89
IPI00030530.6	Splice Isoform 1 of Protein C14orf9	1	1	8.66%	29469.64	9.24
IPI00152975.3	C6orf79 protein	1	1	3.62%	39694.15	9.67
IPI00374068.1	Thrombospondin repeaT conTaining 1 isoform 1	1	1	1.30%	116545.78	8.79
IPI00384698.1	Similar to glutamate receptor, metabotropic 2	1	1	5.98%	50888.01	8.94
IPI00168265.2	Receptor-transporting protein	1	1	6.46%	30913.5	7.99
IPI00174025.1	Splice Isoform 1 of Dynamin binding protein	1	1	0.76%	177347.8	5.26
IPI00006451.4	N-ethylmaleimide-sensitive factor	1	1	2.28%	82594.34	6.52
IPI00375487.2	Complement component (3b\/4b) receptor 1, including Knops blood group system	1	1	0.98%	223647.3	6.57
IPI00418876.1	P-Rex2	1	1	0.93%	182657.28	7.5
IPI00152665.3	SH3 domain and tetratricopeptide repeats containing protein 1	1	1	1.65%	146930	5.85
IPI00220834.7	ATP-dependent DNA helicase II, 80 kDa subunit	1	1	3.56%	82573.46	5.55
IPI00375676.2	Ferritin light chain	1	1	7.48%	28417.4	6
IPI00005638.2	Splice Isoform 1 of Potential helicase Mov10l1	1	1	1.49%	135293.32	6.07
IPI00292304.2	Chromosome 9 open reading frame 4	1	1	7.85%	37270.21	7.55
IPI00019530.1	Tyrosine-protein kinase receptor Tie-1 precursor	1	1	0.97%	125090	6.63
IPI00005416.1	NICE-4 protein	1	1	3.68%	43279.32	8.55
IPI00003928.1	Dual specificity protein phosphatase 1	1	1	4.36%	39298	6.78
IPI00021263.3	14-3-3 protein zeta/delta	1	1	4.90%	27745.18	4.73
IPI00014845.9	OTTHUMP00000039711	1	1	0.18%	514664.1	5.95
IPI00025409.3	Chromosome 13 open reading frame 14	1	1	0.56%	338875.4	5.66
IPI00017094.4	OTTHUMP00000059294	1	1	0.71%	429414.13	6.15
IPI00020587.1	PRO2266	1	1	8.20%	12885	9.74
IPI00376941.1	Splice Isoform 1 of Probable phospholipase DDHD1	1	1	2.11%	100435.5	5.42

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00028883.1	NADH-ubiquinone oxidoreductase ASHI subunit, mitochondrial precursor	1	1	15.05%	21765.8	6.29
IPI00021343.1	Splice Isoform 1 of Interleukin 1 family member 9	1	1	7.10%	18721.3	5.06
IPI00454898.1	PREDICTED: similar to elicitor-like mating protein	1	1	2.73%	50723.31	4.31
IPI00376792.1	Olfactory receptor OR9-30	1	1	6.63%	39515.51	9.6
IPI00298860.3	Lactotransferrin precursor	1	1	1.97%	78338.26	8.56
IPI00329775.5	Splice Isoform 1 of Carboxypeptidase B2	1	1	2.84%	48412.26	7.61
IPI00249629.3	PREDICTED: similar to transcription elongation factor IIS - mouse	1	1	2.14%	62163.57	6.99
IPI00217537.2	Splice Isoform 1 of Putative Polycomb group protein	1	1	1.75%	165432.11	5.85
IPI00328798.1	DLNB11 protein	1	1	0.80%	157129.65	8.79
IPI00410343.1	Splice Isoform 2 of Low-density lipoprotein receptor-related protein 3 precursor	1	1	1.86%	69163	5.74
IPI00329005.2	Splice Isoform 2 of Aftiphilin	1	1	2.86%	99458.18	4.42
IPI00376913.2	PREDICTED: hypothetical protein XP_373470	1	1	3.65%	34678.84	9.77
IPI00102815.1	AD24	1	1	3.50%	92547.86	9.22
IPI00031115.4	Golgi autoantigen, golgin subfamily A member 1	1	1	2.87%	88200.68	5.24
IPI00020210.1	Dysferlin	1	1	0.77%	237295.72	5.44
IPI00024709.1	Inhibitor of nuclear factor kappa B kinase beta subunit	1	1	2.12%	86563.97	5.58
IPI00445979.1	Hypothetical protein	1	1	23.36%	14277.38	8.1
IPI00172576.1	Regulatory protein NOXO1-gamma	1	1	4.52%	41253.05	9.9
IPI00074715.8	PREDICTED: similar to homeobox protein NKX2-6	1	1	2.01%	80116.41	9.77
IPI00418557.1	Transmembrane and coiled-coil domains protein 2	1	1	3.67%	77448.78	6.34
IPI00017163.2	Hypothetical protein DKFZp686M17164	1	1	1.48%	135914.52	5.08
IPI00337335.3	Myosin heavy chain	1	1	0.55%	228003.07	5.76
IPI00021551.2	Beta-1,4-	1	1	4.58%	43986.22	9.36
IPI00328264.1	LOXHD1 protein	1	1	3.05%	126661.12	4.91
IPI00009707.3	Hypothetical protein	1	1	3.32%	43992.6	5.71
IPI00002260.1	Hypothetical protein	1	1	14.73%	14227.18	5.58
IPI00399033.2	PREDICTED: similar to polycystin 1-like 3	1	1	3.42%	52372.81	6.86

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00216271.4	Splice Isoform A of Inositol polyphosphate 5-phosphatase OCRL-1	1	1	2.54%	104518.46	6.74
IPI00444678.1	Hypothetical protein	1	1	7.43%	19686.36	5.95
IPI00414037.1	Myosin tail domain-containing protein	1	1	1.66%	152810.17	6.37
IPI00402453.2	PREDICTED: hypothetical protein XP_379201	1	1	3.87%	47962.12	11.73
IPI00298888.3	Protocadherin 17	1	1	1.73%	126229.55	5.03
IPI00217620.3	Hypothetical protein	1	1	1.00%	111549.31	6.71
IPI00166759.2	Splice Isoform 3 of Disco-interacting protein 2 homolog	1	1	2.25%	86245.14	9.04
IPI00241886.2	Dendrin	1	1	2.74%	69912.11	10.48
IPI00020543.1	C5a anaphylatoxin chemotactic receptor C5L2	1	1	3.56%	36080.51	8.17
IPI00012893.2	Splice Isoform 1 of Regulator of G-protein signaling 14	1	1	4.71%	64600.88	9.12
IPI00457039.1	PREDICTED: similar to tripartite motif-containing 43	1	1	4.21%	44048.04	8.39
IPI00032590.4	Katanin p60 ATPase-containing subunit A-like 1	1	1	3.27%	55392.54	6.35
IPI00289258.4	Myosin X	1	1	0.63%	237391.62	5.83
IPI00184330.5	DNA replication licensing factor MCM2	1	1	2.65%	101896.46	5.34
IPI00398451.2	PREDICTED: hypothetical protein XP_373626	1	1	3.27%	51744.03	11.35
IPI00292532.3	Antibacterial protein FALL-39 precursor	1	1	5.29%	19301.37	9.48
IPI00470682.2	Arginyl aminopeptidase-like	1	1	1.21%	55548.41	4.78
IPI00030960.1	KIAA0068 protein	1	1	1.89%	147136	6.72
IPI00216215.2	Splice Isoform 2 of Sulfonylurea receptor 1	1	1	0.82%	176950.47	8.09
IPI00103792.1	Hypothetical protein	1	1	7.85%	32117.1	9.24
IPI00013947.1	Synaptogyrin-3	1	1	9.61%	24555.02	8.42
IPI00457014.1	PREDICTED: similar to hypothetical protein DKFZp586O0120.1 - human (fragment)	1	1	3.08%	64727.07	9.96
IPI00328762.3	ABC A13	1	1	0.24%	575952.12	5.99
IPI00009322.2	E3 ubiquitin-protein ligase Nedd-4	1	1	1.70%	114936.83	6.45
IPI00019450.2	Splice Isoform Long of 60-kDa SS-A/Ro	1	1	3.16%	60670.53	8.27
IPI00032270.1	Splice Isoform 1 of Acrosomal protein SP-10	1	1	5.28%	28156.57	4.68
IPI00021106.3	Endonuclease G like 1	1	1	9.78%	41126.91	8.45

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00019502.1	Myosin heavy chain, nonmuscle type A	1	1	0.77%	226532.68	5.5
IPI00014843.3	OTTHUMP00000039401	1	1	1.02%	151556.94	8.02
IPI00007021.3	Mediator of RNA polymerase II transcription subunit 31	1	1	17.56%	15805.16	8.72
IPI00395631.1	Splice Isoform 1 of E3 ubiquitin protein ligase	1	1	2.69%	74609.14	6.77
IPI00005750.1	Polycystic kidney disease and receptor for egg jelly related protein precursor	1	1	0.71%	255449.37	9.26
IPI00444234.1	Hypothetical protein	1	1	8.16%	15915.8	8.56
IPI00014577.1	Ras-related protein Rab-18	1	1	9.22%	22977.02	5.11
IPI00306419.5	Gene rich cluster, C3f gene	1	1	4.52%	56035.04	8.88
IPI00021772.1	S-adenosylmethionine synthetase alpha and beta	1	1	3.80%	43647.88	5.86
IPI00328703.1	NS5ATP13TP2 protein	1	1	6.23%	30688.43	6.39
IPI00418334.1	Hypothetical protein DKFZp686L13193	1	1	3.29%	76624.47	7.27
IPI00219065.1	Splice Isoform 5 of Glycogen debranching enzyme	1	1	1.78%	172497.36	6.26
IPI00011898.2	Translation initiation factor eIF-2B epsilon subunit	1	1	2.91%	80366	4.98
IPI00465180.2	Mitochondrial RNA splicing protein 3/4	1	1	4.12%	39271.72	8.86
IPI00027780.1	72 kDa type IV collagenase precursor	1	1	4.39%	73882.39	5.26
IPI00301028.2	Hypothetical protein	1	1	1.89%	52677.84	5.97
IPI00030877.2	15 kDa selenoprotein isoform 1 precursor	1	1	7.27%	18044.97	4.96
IPI00479336.1	21 kDa protein	1	1	8.96%	21058.88	9.86
IPI00306322.1	Collagen alpha 2(IV) chain precursor	1	1	0.99%	167535.42	8.89
IPI00456818.1	PREDICTED: similar to ankyrin repeat domain 30A	1	1	2.73%	81531.78	9.23
IPI00032342.3	Thyroid receptor interacting protein 12	1	1	0.50%	220434.04	8.76
IPI00444565.1	Hypothetical protein	1	1	14.11%	16659.07	11.74
IPI00374496.1	PREDICTED: hypothetical protein XP_373638	1	1	7.87%	14115.84	9.58
IPI00217438.1	KOX31-like zinc finger	1	1	1.53%	96588.24	6.55
IPI00401525.2	PREDICTED: hypothetical protein XP_378646	1	1	6.57%	35265.36	10.06
IPI00001091.3	AFG3-like protein 2	1	1	3.26%	88483.59	8.87
IPI00470584.1	Hypothetical protein DKFZp686D0623	1	1	6.17%	44513.7	6.17

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00301561.1	Thyroid receptor interacting protein 6	1	1	5.46%	50288.14	7.19
IPI00383185.1	PP1292	1	1	22.68%	9930.53	9.5
IPI00221101.2	Sucrase-isomaltase, intestinal	1	1	1.04%	209272.67	5.4
IPI00334896.3	PREDICTED: similar to cAMP-dependent protein kinase type I-beta regulatory	1	1	12.28%	18863.63	6.49
IPI00025503.1	FLJ00012 protein	1	1	14.29%	19595.11	7.95
IPI00470585.2	RNA-binding region RNP-1 (RNA recognition motif) domain containing protein	1	1	1.99%	55548.38	8.4
IPI00445125.1	Hypothetical protein	1	1	16.98%	16839.61	9.11
IPI00216513.2	Spectrin, beta, erythrocytic (includeS SpherocytoSiS, clinical type I)	1	1	0.89%	246323.63	5.14
IPI00013079.1	EMILIN 1 precursor	1	1	1.77%	106695.66	5.1
IPI00012196.1	Ankyrin repeat and SOCS box protein 8	1	1	5.56%	31642.39	5.58
IPI00306400.7	PREDICTED: kinesin family member C1	1	1	3.77%	86470.04	9.18
IPI00221034.8	Transcription factor RelB	1	1	3.45%	61990.54	5.68
IPI00398135.2	PREDICTED: similar to 60S ribosomal protein L27a	1	1	6.76%	16622.3	11.12
IPI00300078.5	Periodic tryptophan protein 2 homolog	1	1	2.07%	102451.18	5.81
IPI00168624.3	Splice Isoform 1 of Transient receptor potential cation channel subfamily V member	1	1	1.84%	98281.35	7.83
IPI00015980.3	Multiple PDZ domain protein	1	1	1.45%	221618.05	4.95
IPI00442129.1	Hypothetical protein	1	1	4.21%	38620.38	9.13
IPI00022372.1	N-myc proto-oncogene	1	1	4.74%	49561.61	5.45
IPI00030782.1	Signal transducer and activator of transcription 6	1	1	2.01%	94135.28	5.84
IPI00446709.1	Hypothetical protein	1	1	8.59%	13331.51	9.16
IPI00306933.1	Splice Isoform Short of Myosin IXb	1	1	1.09%	229301.2	8.7
IPI00465135.1	Voltage-gated L-type calcium channel alpha-1 subunit	1	1	1.06%	220678.58	5.76
IPI00015805.2	Ras-interacting protein 1	1	1	2.91%	103457.94	8.17
IPI00291916.4	OTTHUMP00000016771	1	1	0.99%	206689.33	9.02
IPI00009396.1	Splice Isoform Long of Cannabinoid receptor 1	1	1	6.36%	52857.94	8.47
IPI00152881.3	Shroom-related protein	1	1	0.50%	216662.25	7.75

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00014980.1	Splice Isoform Beta-1 of Serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, beta	1	1	2.62%	57393.43	6.27
IPI00387045.1	Hypothetical protein	1	1	12.14%	15441.07	11.55
IPI00176193.5	Splice Isoform 1 of Collagen alpha 1(XIV) chain precursor	1	1	0.72%	193485.5	5.16
IPI00240059.3	Transmembrane and coiled-coil domains protein 3	1	1	2.73%	53768.01	8.67
IPI00397890.1	PREDICTED: hypothetical protein MGC22014	1	1	1.46%	184849.48	6.54
IPI00015856.2	Aspartyl aminopeptidase	1	1	3.71%	53380.49	7.66
IPI00456737.3	Rab6-interacting protein 1	1	1	1.01%	147094.86	6.25
IPI00171501.3	Hypothetical protein B3GALNT2	1	1	3.00%	56703.76	5.46
IPI00012752.1	Splice Isoform 3 of Growth factor receptor-bound protein	1	1	3.37%	67231.55	8.06
IPI00028862.2	Neurexophilin-2 precursor	1	1	6.82%	29937.55	8.95
IPI00000632.1	R33590_1	1	1	4.01%	32367.83	6
IPI00024163.1	DNA-directed RNA polymerase III largest subunit	1	1	0.86%	155748.51	8.76
IPI00333154.2	85 kDa protein	1	1	1.84%	84965.19	5.04
IPI00075080.2	Splice Isoform B of Oxysterol binding protein-	1	1	2.74%	108470.03	5.96
IPI00397051.1	PREDICTED: hypothetical protein XP_374035	1	1	14.29%	14991.14	8.91
IPI00472952.1	Hypothetical protein	1	1	2.76%	70075.93	5.67
IPI00413140.2	Dynamin-1	1	1	2.08%	97407.42	6.93
IPI00027680.1	Splice Isoform Short of Vasoactive intestinal polypeptide receptor 1	1	1	4.60%	51547.28	8.52
IPI00023162.1	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase	1	1	2.49%	79274.59	6.32
IPI00029422.1	Kinesin family member 20A	1	1	1.46%	100278.12	6.49
IPI00061681.3	Smooth muscle myosin heavy chain 11 isoform SM1-like protein	1	1	1.17%	87153.34	6.49
IPI00044667.4	ALS2CR11 protein	1	1	2.07%	56632.84	9.71
IPI00020542.2	Solute carrier family 22 member 11 variant	1	1	3.64%	59945.56	8.96
IPI00297860.1	G2/mitotic-specific cyclin F	1	1	2.42%	87640.1	5.92
IPI00332451.2	Nuclear receptor subfamily 2, group C, member 2	1	1	2.44%	67344.65	5.9

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00215638.2	ATP-dependent RNA helicase A	1	1	0.71%	140877.51	6.35
IPI00021770.1	Splice Isoform 1 of 3-hydroxy-3-methylglutaryl-coenzyme A reductase	1	1	2.70%	97476.09	6.33
IPI00216542.1	Splice Isoform 5 of Protein kinase C binding protein 1	1	1	1.95%	130926.44	6.48
IPI00328745.1	Nogo-66 receptor homolog-2	1	1	5.44%	49065.42	9.25
IPI00306309.3	Tripartite motif-containing 62	1	1	2.11%	54267.83	6.17
IPI00001586.1	Splice Isoform Long of Ectonucleoside triphosphate diphosphohydrolase 2	1	1	5.66%	53665.56	8.58
IPI00175101.4	PREDICTED: similar to KIAA0445 protein	1	1	0.37%	296002.62	5.94
IPI00018606.4	Splice Isoform 1 of Chondroitin sulfate	1	1	2.33%	85948.69	7.94
IPI00000514.2	PREDICTED: similar to breast cancer antigen NY-BR-	1	1	1.08%	158048.46	6.01
IPI00329668.4	PREDICTED: hypothetical protein FLJ21438	1	1	2.57%	111899.07	9.03
IPI00061112.3	StAR-related lipid transfer protein 4	1	1	11.71%	23516.76	5.12
IPI00446473.1	CDNA FLJ42031 fis, clone SPLEN2037194, weakly similar to NORQ PROTEIN	1	1	2.34%	67903.94	8.3
IPI00550733.2	KIAA1055 protein	1	1	2.41%	48913.13	5.57
IPI00409604.1	DeDicator of cytokinesis 8	1	1	0.69%	230820.89	6.39
IPI00452246.1	Splice Isoform 1 of Kinesin-like motor protein C20orf23	1	1	0.68%	152011.63	5.86
IPI00028911.1	Dystroglycan precursor	1	1	1.68%	97580.73	8.71
IPI00290368.3	Histidine decarboxylase	1	1	2.27%	74140.69	8.3
IPI00399320.3	Thymic dendritic cell-derived factor 1	1	1	5.56%	36262.44	4.94
IPI00300852.1	Sulfate anion transporter 1	1	1	4.28%	74991.79	8.57
IPI00384096.1	Prostate apoptosis response-4	1	1	16.53%	13047.17	12.14
IPI00455892.1	PREDICTED: similar to RPL7L1 protein	1	1	2.48%	59635.19	8.4
IPI00168012.1	Hypothetical protein	1	1	12.93%	25670.83	6.54
IPI00412193.1	22 kDa protein	1	1	5.50%	22391.29	6.49
IPI00000073.1	Pro-epidermal growth factor precursor	1	1	1.57%	133946.28	5.56
IPI00456969.1	Dynein heavy chain,	1	1	0.54%	532408.31	6.01
IPI00103892.1	Splice Isoform 5 of ADP-dependent glucokinase	1	1	7.78%	38254.47	5.96
IPI00022668.1	Hypothetical protein	1	1	15.84%	10856.44	5.13

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00299085.2	Melanoma-associated antigen C1	1	1	2.71%	123665.79	4.24
IPI00387161.1	Ig lambda chain V-I region VOR	1	1	8.11%	11514.55	5.03
IPI00411748.1	Splice Isoform 3 of Ubiquitin-protein ligase E3C	1	1	4.21%	45844.9	6.11
IPI00166042.1	Cytochrome P450 4X1	1	1	4.52%	58875.41	8.74
IPI00003884.1	Splice Isoform 1 of Protocadherin gamma A4 precursor	1	1	2.36%	100589.42	4.72
IPI00062958.3	Splice Isoform 1 of Peroxisomal membrane	1	1	4.98%	26636.07	9.35
IPI00030809.1	Gamma-G globin	1	1	6.45%	16969.4	5.92
IPI00170770.2	PHD finger protein 3	1	1	0.54%	229481.46	6.52
IPI00376383.1	CENTRIOLIN	1	1	0.69%	268900.17	5.44
IPI00006957.3	Splice Isoform 1 of Dehydrogenase/reductase SDR family member 7	1	1	3.24%	38298.67	8.59
IPI00292081.2	Splice Isoform I of Hermansky-Pudlak syndrome	1	1	1.43%	79455.43	5.62
IPI00009923.1	Splice Isoform 1 of Prolyl 4-hydroxylase alpha-1 subunit precursor	1	1	2.62%	61049.33	5.7
IPI00152661.1	Splice Isoform 1 of Polycystic kidney disease 1-	1	1	0.81%	315435.69	6.64
IPI00290033.1	PHD zinc finger transcription factor	1	1	2.70%	76988.42	7.87
IPI00291387.2	88 kDa protein	1	1	2.89%	87897.28	6.22
IPI00084684.4	PREDICTED: zinc finger protein 469	1	1	1.07%	361394.24	8.53
IPI00454735.1	PREDICTED: similar to Tesp1 protein	1	1	2.73%	44303.99	6.19
IPI00186166.1	KPTN protein	1	1	4.13%	48079.68	5.12
IPI00478086.1	Non-class II protein	1	1	4.44%	46322.6	6.55
IPI00306369.3	NOL1/NOP2/Sun domain family 2 protein	1	1	2.48%	86470.81	6.33
IPI00221193.6	Interferon-gamma receptor beta chain precursor	1	1	6.53%	37834.5	5.41
IPI00411876.2	PREDICTED: similar to Nedd-4-like E3 ubiquitin-protein ligase WWP1 (WW domain-containing protein 1)	1	1	6.61%	29982.12	5.18
IPI00375651.2	Hypothetical protein	1	1	2.73%	70273.35	9.02
IPI00217422.2	OTTHUMP00000016593	1	1	3.76%	49577.9	8.41
IPI00171712.1	Leucine carboxyl methyltransferase 2	1	1	3.94%	75602.14	6.25

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00218042.1	Splice Isoform BMP1-5 of Bone morphogenetic protein 1 precursor	1	1	2.25%	70468.81	8.29
IPI00046309.4	Diacylglycerol kinase kappa	1	1	1.49%	141829.6	5.36
IPI00014073.1	Amyloid beta A4 precursor protein-binding family A member 3	1	1	4.35%	61454.45	4.83
IPI00412697.1	Hypothetical protein	1	1	13.88%	24711.59	9.67
IPI00107698.1	Fibroblast growth factor receptor substrate 2	1	1	3.52%	57527.75	5.72
IPI00217687.1	Chromosome 16 open reading frame 50	1	1	1.83%	103537.4	5.51
IPI00009890.1	Glia derived nexin precursor	1	1	2.51%	44002.12	9.35
IPI00025418.1	Collagen alpha 1(VII) chain precursor	1	1	0.61%	295220.49	5.95
IPI00027782.1	Stromelysin-1 precursor	1	1	3.14%	53977.46	5.77
IPI00013808.1	Alpha-actinin 4	1	1	1.87%	104854.22	5.27
IPI00386869.2	FLJ12610 protein	1	1	7.86%	15413.25	4.72
IPI00304654.3	PREDICTED: KIAA1713 protein	1	1	1.48%	209679.6	5.48
IPI00016688.2	Putative tumor suPPressor FUS2	1	1	6.82%	33831.21	7.75
IPI00456519.1	PREDICTED: hypothetical protein XP_498924	1	1	5.74%	34587.94	11.42
IPI00007401.1	Importin-8	1	1	2.41%	119974.35	5.06
IPI00030845.1	Arsenite related gene 1	1	1	2.55%	58901.5	5.73
IPI00018245.5	Splice Isoform 3 of DNA-directed RNA polymerases III 80 kDa polypeptide	1	1	1.83%	73139.47	6.26
IPI00398994.2	PREDICTED: hypothetical protein FLJ11811	1	1	1.05%	208366.79	8.27
IPI00006158.1	Lymphoid-restricted membrane protein	1	1	2.52%	62092.78	5.68
IPI00289948.1	Regulator of G-protein signaling 16	1	1	8.42%	22767.72	6.32
IPI00016447.3	COMM domain containing protein 8	1	1	6.01%	21090.4	5.3
IPI00329457.6	GM3 synthase	1	1	6.58%	45604.11	8.97
IPI00376954.1	SCL protein	1	1	5.11%	34303.76	9.09
IPI00031570.1	Probable UPF0334 kinase-like protein	1	1	5.79%	20713.03	9.61
IPI00165251.3	Similar to RIKEN	1	1	4.55%	27163.02	5.74
IPI00304442.3	Poly(A) polymerase gamma	1	1	2.45%	82805.61	9.12
IPI00011088.1	Claudin-12	1	1	5.74%	27109.9	8.8
IPI00013010.6	Nedd-4-like E3 ubiquitin-protein ligase WWP2	1	1	1.84%	98912.12	6.67

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00013096.2	Splice Isoform 1 of Receptor-type tyrosine-protein phosphatase T precursor	1	1	1.43%	164515.93	6.45
IPI00024453.2	Novel protein	1	1	5.73%	29177.54	6.65
IPI00016685.2	Enamelin precursor	1	1	2.10%	128745.22	6.48
IPI00045423.1	Splice Isoform 7 of Partitioning-defective 3	1	1	0.94%	141730.55	6.91
IPI00022918.5	Chromosome 9 open reading frame 28, isoform 2	1	1	11.31%	24516.05	9.02
IPI00217049.1	2'-5'oligoadenylate synthetase 2 isoform p71	1	1	1.51%	83288.52	8.84
IPI00029702.1	Splice Isoform 1 of Protein tyrosine kinase 2 beta	1	1	1.09%	115874.92	5.91
IPI00014072.1	Serine/threonine-protein kinase Chk2	1	1	3.50%	60914.98	5.65
IPI00455594.1	PREDICTED: similar to zinc finger protein 595	1	1	8.38%	21005.02	9.68
IPI00004069.1	TatD DNase domain containing deoxyribonuclease	1	1	2.89%	85039.59	7.07
IPI00397620.2	PREDICTED: similar to Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43)	1	1	5.09%	53694.53	6.95
IPI00465354.1	P-glycoprotein	1	1	2.28%	92080.17	7.96
IPI00030739.1	Apolipoprotein M	1	1	5.32%	21253.33	5.66
IPI00300278.3	Splice Isoform 2 of Mediator of RNA polymerase II transcription subunit 8	1	1	6.31%	32818.5	9.18
IPI00252122.3	Splice Isoform 2 of Sodium/potassium-transporting ATPase alpha-4	1	1	5.45%	19608.89	5.69
IPI00051926.7	Conserved hypothetical	1	1	6.58%	51699.83	9.58
IPI00217544.1	V-ets erythroblastosis virus E26 oncogene like, isoform 1	1	1	5.22%	53837.58	7.29
IPI00243599.2	Chromosome 18 open reading frame 22	1	1	3.21%	38382.48	8.01
IPI00220340.2	AMP-activated protein kinase, non-catalytic gamma-3	1	1	2.86%	54258.33	5.59
IPI00290094.3	Splicing factor, arginine/serine-rich 8	1	1	2.10%	104821.98	7.89
IPI00328709.2	Gremlin-2 precursor	1	1	5.95%	19320.38	9.36
IPI00182048.3	Sphingosine kinase 1	1	1	2.98%	51084.3	6.68
IPI00163493.4	Splice Isoform 1 of Aminopeptidase O	1	1	1.59%	93572.67	5.81
IPI00014826.4	53 kDa protein	1	1	3.16%	52986.67	6.35
IPI00018738.2	Forkhead box protein Q1	1	1	5.46%	41491.47	9.52

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00290035.1	Protocadherin 15 precursor	1	1	0.66%	216028.67	4.94
IPI00168838.1	Endo-beta-N-acetylglucosaminidase	1	1	4.17%	83987.09	6.34
IPI00021716.1	Transketolase	1	1	3.69%	67877.7	7.58
IPI00010212.1	Hypothetical protein	1	1	2.06%	93789.33	5.85
IPI00160290.4	B-cell lymphoma 9 protein	1	1	1.12%	149315.34	9.06
IPI00167315.2	PREDICTED: hypothetical protein XP_380107	1	1	1.38%	120215.22	11.23
IPI00173347.3	NEDD4-like ubiquitin ligase	1	1	0.63%	177266.71	5.3
IPI00410401.2	Nuclear pore membrane glycoprotein 210-like	1	1	1.59%	210604.6	7.15
IPI00030267.3	Hypothetical protein DKFZp434P0316	1	1	0.72%	180826.91	6.25
IPI00216721.3	Hypothetical protein	1	1	3.24%	47873.46	6.37
IPI00258050.3	DAAT9248	1	1	1.35%	63774.36	8.53
IPI00217546.1	Splice Isoform 2 of Zinc finger protein 396	1	1	6.19%	24061.16	5.2
IPI00514193.1	Collagen, type V, alpha 1	1	1	10.29%	21320.87	9.4
IPI00295004.3	Splice Isoform 1 of Alsin	1	1	1.57%	183665.84	5.88
IPI00166137.2	RALY-like protein isoform 1	1	1	3.78%	32314.58	7.7
IPI00221235.3	NucleoporiN 160kDa	1	1	1.60%	162121.73	5.31
IPI00456459.1	PREDICTED: hypothetical protein XP_498884	1	1	11.96%	10022.62	6.8
IPI00329327.3	Splice Isoform 2 of Extracellular matrix protein	1	1	0.70%	443637.04	5.33
IPI00023832.2	HypotHetical protein LOC285590	1	1	1.65%	101579.46	8.82
IPI00008816.1	Splice Isoform 1 of DNA repair protein REV1	1	1	1.28%	138247.97	8.76
IPI00334191.5	Hypothetical protein EIF3S9	1	1	1.35%	92352.76	4.91
IPI00454933.1	PREDICTED: hypothetical protein XP_499224	1	1	1.48%	138410.78	7.09
IPI00385831.1	Hypothetical protein	1	1	7.96%	22356.09	11.49
IPI00457259.1	PREDICTED: similar to Zinc finger protein 43 (Zinc protein HTF6) (Zinc finger protein KOX27)	1	1	1.47%	135744.83	9.79
IPI00168344.3	Protein C20orf151	1	1	4.37%	71431.96	6.08
IPI00169119.1	Seven transmembrane helix receptor	1	1	4.50%	25277.96	8.07
IPI00374843.2	PREDICTED: hypothetical protein XP_374002	1	1	4.36%	41229.85	11.85
IPI00294211.1	Pre-mRNA splicing factor ATP-dependent RNA helicase	1	1	1.06%	140473.18	6.11
IPI00010604.4	Phospholipase C, epsilon 1	1	1	0.82%	259944.35	6.09

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00374029.5	Hypothetical protein DKFZp686H22247	1	1	0.77%	152588.49	6.87
IPI00025069.1	Bone morphogenetic protein 2 precursor	1	1	4.04%	44701.98	9.15
IPI00163866.2	PREDICTED: MAX dimerization protein 5	1	1	0.48%	341362.74	6.67
IPI00028031.1	Splice Isoform 1 of Acyl-CoA dehydrogenase, very-long-chain specific,	1	1	1.98%	70390.12	8.92
IPI00018955.1	Splice Isoform 1 of Zinc finger protein 174	1	1	3.19%	46454.92	9.66
IPI00385934.1	PRO1367	1	1	42.11%	6300.18	7.83
IPI00457064.1	PREDICTED: similar to zonadhesin	1	1	0.40%	426702.12	6.85
IPI00398020.4	PREDICTED: odz, odd Oz/ten-m homolog 3	1	1	0.76%	305045.22	6.17
IPI00375574.1	Hypothetical protein	1	1	8.13%	22499.29	9.23
IPI00217008.2	PREDICTED: similar to KIAA2012 protein	1	1	2.48%	61929.07	6.01
IPI00397969.1	PREDICTED: similar to RIKEN cDNA 4921517D21	1	1	6.44%	25215.92	5.04
IPI00061492.3	Chromosome 7 open reading frame 30	1	1	7.26%	26170.11	5.32
IPI00008581.1	Cell growth regulator with RING finger domain 1	1	1	3.92%	38241.8	5.05
IPI00028493.3	Splice Isoform 1 of Tuberin	1	1	1.27%	200749.9	7.06
IPI00017596.2	Microtubule-associated protein RP/EB family member	1	1	6.74%	29867.91	5.02
IPI00002449.1	Splice Isoform 1 of cAMP-specific 3',5'-cyclic phosphodiesterase 4D	1	1	2.84%	91115.15	5.31
IPI00455201.1	PREDICTED: hypothetical protein XP_376653	1	1	9.57%	20682.33	11.47
IPI00186224.6	MHC class II transactivator	1	1	1.59%	123457.55	5.3
IPI00010069.4	Zinc finger protein 306	1	1	4.09%	60616.25	5.93
IPI00009329.1	Utrophin	1	1	0.67%	394494.53	5.21
IPI00303980.6	Splice Isoform 1 of Protein C14orf93 precursor	1	1	4.09%	58696.98	5.71
IPI00047471.5	Hypothetical protein	1	1	2.42%	57563.99	6.28
IPI00009225.1	Syntaxin-8	1	1	4.24%	26906.73	4.91
IPI00016758.5	Splice Isoform Alpha-1 of A/G-specific adenine DNA glycosylase	1	1	4.95%	60069.42	9
IPI00063134.3	Hypothetical protein	1	1	5.23%	45910.92	6.29
IPI00216870.1	IL16 protein	1	1	1.98%	48383.04	8.67
IPI00374082.2	C21orf258 protein	1	1	2.18%	79462.61	6.53

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00218934.4	Calpain-11	1	1	2.56%	80582.79	5.62
IPI00002802.1	Protein-lysine 6-oxidase precursor	1	1	6.00%	46944.29	8.36
IPI00376243.1	B and T lymphocyte	1	1	8.30%	32744.37	5.93
IPI00077841.6	OTTHUMP00000064929	1	1	2.47%	54389.88	8.81
IPI00183938.4	Hypothetical protein	1	1	1.42%	96632.59	5.42
IPI00220991.2	Splice Isoform 2 of Adapter-related protein complex 2 beta 1 subunit	1	1	0.84%	105849.96	5.19
IPI00419068.1	Hypothetical protein	1	1	7.21%	21903.43	7.2
IPI00186273.1	33 kDa protein	1	1	4.29%	32778.86	9.08
IPI00242446.1	PREDICTED: hypothetical protein XP_373740	1	1	12.09%	10382.26	9.6
IPI00307230.3	PREDICTED: similar to bA304I5.1 (novel lipase)	1	1	0.89%	140656.85	7.23
IPI00220490.1	SH3 and multiple ankyrin repeat domains 2 isoform 1	1	1	1.91%	134931.48	5.45
IPI00234679.1	Sodium-dependent organic anion transporter	1	1	7.96%	41258.54	8.15
IPI00306851.3	Low-density lipoprotein receptor-related protein 4 precursor	1	1	1.13%	215965.3	5.12
IPI00030343.1	Forkhead box protein L1	1	1	6.09%	36490.5	9.64
IPI00477728.1	Hypothetical protein	1	1	15.83%	12842.23	5.63
IPI00027242.1	Retinal guanylyl cyclase 1 precursor	1	1	1.54%	120058.99	7.15
IPI00477134.1	Elastase 3A, pancreatic	1	1	10.37%	17457.67	5.89
IPI00026697.2	Zinc finger protein 258	1	1	1.43%	148088.58	8.59
IPI00000070.1	Low-density lipoprotein receptor precursor	1	1	2.21%	95376.08	4.86
IPI00387089.1	Hypothetical protein	1	1	11.54%	16178.7	11.47
IPI00006665.1	Cytochrome P450 17A1	1	1	2.95%	57370.47	8.72
IPI00457370.1	PREDICTED: similar to interspersed repeat antigen, putative	1	1	1.80%	100387.79	10.65
IPI00023785.4	DEAD box polypeptide 17 isoform p82	1	1	2.06%	80272.66	8.53
IPI00003904.1	Splice Isoform 1 of Protocadherin gamma B7 precursor	1	1	2.80%	100974.41	4.94
IPI00219011.1	FucosyltransFerase 4	1	1	3.02%	59084.23	10.04
IPI00456415.1	PREDICTED: hypothetical protein XP_498835	1	1	15.96%	9935.34	7.98
IPI00165955.1	Extracellular signal-regulated kinase 8	1	1	1.47%	59832.45	9.17

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00008728.1	ATP-dependent Clp protease ATP-binding subunit ClpX-like, mitochondrial precursor	1	1	4.11%	69223.82	7.51
IPI00056687.4	PREDICTED: similar to abnormal cell LINeage LIN-41, heterochronic gene	1	1	3.06%	89368.84	7.83
IPI00083491.3	PREDICTED: similar to KIAA2007 protein	1	1	2.44%	60552.02	9.21
IPI00031822.1	Sodium-dependent multivitamin transporter	1	1	2.05%	68702.1	8.61
IPI00394860.1	Hypothetical protein	1	1	13.24%	13895.98	6.71
IPI00375346.3	41 kDa protein	1	1	7.10%	40913.91	6.87
IPI00021298.1	Keratin, type I cytoskeletal 20	1	1	4.25%	48486.61	5.52
IPI00334117.1	Splice Isoform 5 of Amiloride-sensitive sodium channel alpha-subunit	1	1	2.60%	77980.48	7.47
IPI00217345.1	Splice Isoform 2 of UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase	1	1	5.34%	45484.3	8.31
IPI00009101.1	Transcriptional activator SRCAP	1	1	1.14%	315645.92	5.49
IPI00003921.1	Splice Isoform 1 of Protein	1	1	1.85%	97017.02	5.45
IPI00478534.2	42 kDa protein	1	1	3.41%	42132.41	9.85
IPI00385715.1	Hypothetical protein DKFZp434K1316	1	1	2.74%	72676.64	9.35
IPI00165965.2	ALS2 C-terminal like isoform	1	1	1.18%	85037.36	5.97
IPI00168635.2	ATP-binding cassette, sub-family C (CFTR\/MRP), member 10	1	1	1.21%	161629.66	6.64
IPI00012100.1	Splice Isoform 2 of Protocadherin gamma A2 precursor	1	1	2.19%	90284.66	4.72
IPI00083708.2	HBxAg transactivated protein	1	1	1.29%	296001.33	9.06
IPI00449923.1	Splice Isoform 1 of Retinoic acid induced protein 1	1	1	0.89%	203352.86	9.03
IPI00020900.2	Splice Isoform 1 of Zinc finger protein 41	1	1	3.53%	93727.88	9.06
IPI00444945.1	Splice Isoform Alpha of Apoptosis regulator BAX, cytoplasmic isoform beta	1	1	5.50%	24219.98	7.74
IPI00292787.5	ARP5 actin-related protein 5 homolog	1	1	3.29%	68240.74	5.13
IPI00022331.1	Phosphatidylcholine-sterol acyltransferase precursor	1	1	3.18%	49578.02	5.71
IPI00296591.3	Kelch-like protein 2	1	1	3.88%	65974.59	6.3

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00103597.4	Splice Isoform 1 of VPS10 domain-containing receptor SorCS1 precursor	1	1	2.23%	129635	7.38
IPI00009490.1	PRO2472	1	1	26.32%	13724.74	12.18
IPI00027227.6	OTTHUMP00000028776	1	1	6.70%	24464.71	9.03
IPI00385729.4	OTTHUMP00000022614	1	1	2.47%	79549.12	5.11
IPI00418941.3	Hypothetical protein	1	1	1.74%	112724.66	7.34
IPI00011286.1	Beta-3 adrenergic receptor	1	1	5.88%	43519.38	9.39
IPI00032333.2	Splice Isoform 1 of Receptor-type tyrosine-protein phosphatase alpha precursor	1	1	1.74%	91047.47	6.23
IPI00457300.1	PREDICTED: similar to Ornithine decarboxylase antizyme (ODC-Az)	1	1	5.45%	21126.89	6.44
IPI00043494.3	Hypothetical protein	1	1	1.62%	67833.09	9.51
IPI00376912.1	PREDICTED: hypothetical protein XP_373469	1	1	14.43%	10174.62	7.57
IPI00399395.2	PREDICTED: similar to neuronal nicotinic acetylcholine receptor beta4	1	1	18.70%	13646.83	9.93
IPI00031506.2	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated	1	1	1.80%	98929.24	8.63
IPI00008298.1	Defensin 5 precursor	1	1	24.47%	10071.45	8.3
IPI00398505.4	PREDICTED: ubiquitin specific protease 24	1	1	0.71%	285835.56	5.7
IPI00218248.1	Low affinity sodium-glucose cotransporter	1	1	3.34%	72455.55	5.8
IPI00008195.3	PREDICTED: distal-less homeo box 6	1	1	5.28%	29386.71	9.52
IPI00025310.1	Zinc finger protein 217	1	1	2.10%	115272.09	8.78
IPI00220992.3	Zinc finger protein 213	1	1	5.88%	51263.42	6.48
IPI00289499.3	Bifunctional purine biosynthesis protein PURH	1	1	1.69%	64615.89	6.27
IPI00432723.2	Splice Isoform 1 of Xylosyltransferase 2	1	1	1.50%	96712.29	8.39
IPI00297284.1	Insulin-like growth factor binding protein 2 precursor	1	1	3.96%	35137.63	7.48
IPI00064712.2	ALKN2972	1	1	5.79%	27123.35	8.57
IPI00043978.1	Splice Isoform 1 of Amyotrophic lateral sclerosis 2 chromosome region	1	1	0.83%	132494.78	8.54
IPI00016014.1	Splice Isoform 1 of Integral membrane protein 2C	1	1	3.75%	30223.84	8.16

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00218946.1	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated	1	1	2.25%	97050.08	9.19
IPI00413160.3	OTTHUMP00000028958	1	1	0.91%	243072.15	9.41
IPI00021297.1	Putative protein C21orf62	1	1	12.15%	27766.34	8.45
IPI00022974.1	Prolactin-inducible protein precursor	1	1	8.22%	16572.45	8.26
IPI00445863.1	Hypothetical protein	1	1	19.53%	13116.03	12.14
IPI00400873.2	PREDICTED: chromosome 10 open reading frame 18	1	1	0.86%	295830.94	5.84
IPI00334322.2	Seven transmembrane helix receptor	1	1	14.22%	26074.95	8.73
IPI00442309.1	Hypothetical protein	1	1	10.14%	16540.51	7.06
IPI00470537.2	AT rich interactive domain 2 (ARID, RFX-like)	1	1	1.58%	197390.68	7.08
IPI00385683.1	Ig heavy chain V-III region GAR	1	1	9.32%	13087.41	4.68
IPI00102812.4	Hypothetical protein LOC126147	1	1	3.07%	53174.08	9.63
IPI00014478.1	Splice Isoform Alpha-7X1X2B of Integrin alpha-7	1	1	2.12%	128929.1	5.46
IPI00064935.3	Muscle alpha-kinase	1	1	0.63%	201302.68	7.73
IPI00011609.3	Splice Isoform II of Ubiquitin-protein ligase E3A	1	1	1.49%	100645.78	5.12
IPI00033009.3	PREDICTED: similar to hypothetical protein	1	1	1.10%	180952.6	6.34
IPI00384661.1	Hypothetical protein	1	1	6.08%	19640.8	10.52
IPI00444644.1	Hypothetical protein	1	1	9.74%	16282.67	9.66
IPI00216432.2	Transmembrane protease, serine 5	1	1	2.63%	49574.51	6.24
IPI00399119.1	Hypothetical protein	1	1	0.89%	175618.67	9.07
IPI00031421.3	Protein-tyrosine sulfotransferase 2	1	1	6.63%	41911.84	9.22
IPI00394751.1	Splice Isoform 1 of Protein CXorf17	1	1	1.00%	120576.36	9.19
IPI00103656.1	PP3999	1	1	4.27%	35126.94	10.2
IPI00157144.1	GYS1 protein	1	1	2.53%	76483.47	6.09
IPI00045956.1	Envelope protein	1	1	17.32%	19228.09	8.3
IPI00013944.2	Splice Isoform C2 of Heterogeneous nuclear ribonucleoproteins C1/C2	1	1	2.94%	33688.09	4.95
IPI00007034.2	Hypothetical protein	1	1	4.85%	34876.46	9.3
IPI00012935.3	Guanine nucleotide-binding regulatory protein	1	1	16.41%	14879.99	5.69

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00247243.3	PREDICTED: similar to contains transmembrane (TM) region	1	1	3.31%	60565.42	10.65
IPI00154208.5	PREDICTED: hypothetical protein DKFZp434I1117	1	1	2.29%	88201.5	8.32
IPI00454673.1	PREDICTED: hypothetical protein XP_499069	1	1	9.21%	28420.51	9.88
IPI00455971.1	PREDICTED: similar to melanoma antigen, family A,	1	1	5.14%	38712.21	5.74
IPI00386575.1	Ig lambda chain V-I region	1	1	12.84%	11413.63	9.39
IPI00456974.1	PREDICTED: hypothetical protein XP_495947	1	1	16.67%	11133.07	10.58
IPI00063249.1	MGC14425 protein	1	1	15.57%	13297.11	11.36
IPI00003885.1	Splice Isoform 1 of Protocadherin gamma A5 precursor	1	1	3.44%	100935.23	4.71
IPI00419542.1	Hormone-sensitive lipase	1	1	1.86%	116614.44	6.25
IPI00328431.3	Splice Isoform 1 of Netrin receptor UNC5B precursor	1	1	1.27%	103638.05	5.68
IPI00397759.1	PREDICTED: similar to 60S ribosomal protein L21	1	1	9.38%	18544.75	10.29
IPI00167865.2	OTTHUMP00000063553	1	1	1.14%	138448.4	5.78
IPI00333913.6	Neuroblastoma-amplified	1	1	1.05%	268468.72	5.62
IPI00013871.1	Ribonucleoside-diphosphate reductase large subunit	1	1	2.02%	90070.12	6.76
IPI00024966.1	Contactin 2 precursor	1	1	1.44%	113393.39	8.11
IPI00298003.3	Semaphorin 3F precursor	1	1	2.93%	88381.64	8.59
IPI00167437.1	Hypothetical protein	1	1	28.00%	13935.41	8.51
IPI00063138.5	PREDICTED: similar to Centaurin gamma 2	1	1	4.55%	36446.19	9.54
IPI00255836.4	Chromosome 20 open reading frame 124	1	1	2.35%	37790.55	9.72
IPI00444119.1	Hypothetical protein	1	1	9.44%	18828.56	10.05
IPI00457077.1	PREDICTED: similar to argininosuccinate synthetase	1	1	2.38%	46917.13	8.26
IPI00023246.3	Thyroid hormone-inducible hepatic protein	1	1	13.01%	16560.71	4.79
IPI00171928.1	Angiopoietin-related protein 7 precursor	1	1	4.91%	40018.21	7.98
IPI00008934.1	Hydroxymethylglutaryl-CoA synthase, mitochondrial	1	1	6.50%	56635.48	8.4
IPI00299738.1	Procollagen C-proteinase enhancer protein precursor	1	1	3.56%	47972.57	7.41
IPI00024390.1	KIAA0634 protein	1	1	1.06%	145425.51	5.5

IPI	Description	Peptide Hits	Unique Peptide	Coverage	MW	pI
IPI00172530.1	Leucine-rich repeat and fibronectin type-III domain containing protein 4 precursor	1	1	2.99%	66860.45	6.44
IPI00178319.1	MGC21654 protein	1	1	18.83%	17197.82	7.08
IPI00060715.1	Potassium channel tetramerisation domain containing protein 12	1	1	6.15%	35701.01	5.51
IPI00179164.2	HypotHetical protein	1	1	0.90%	232817.67	5.45
IPI00009910.2	Toll-like receptor 8 precursor	1	1	1.06%	119828.31	6.2
IPI00032434.2	Splice Isoform 1 of Potassium voltage-gated channel subfamily G member 1	1	1	2.73%	57913.04	5.94
IPI00006433.6	Hypothetical protein	1	1	1.79%	90591.66	6.67
IPI00384746.1	Copine-8	1	1	3.72%	63121.73	5.66
IPI00000897.1	Potential helicase with zinc-finger domain	1	1	0.93%	218971.75	6.98
IPI00177884.3	OTTHUMP00000064825	1	1	0.97%	148284.62	9.12
IPI00024186.1	Splice Isoform 1 of Serine/threonine protein phosphatase with EF-hands-1	1	1	3.98%	75792.15	6.37
IPI00168813.1	Transmembrane receptor PTK7-3	1	1	2.45%	103581.01	6.67
IPI00397992.2	PREDICTED: similar to Tubulin beta-4q chain	1	1	4.09%	43487.22	5.6
IPI00032955.1	Zinc finger protein 313	1	1	4.82%	25694.41	6.99
IPI00152695.2	WD40 protein	1	1	4.47%	35079.01	7.59
IPI00296936.3	Glioma pathogenesis-related protein 1 precursor	1	1	9.77%	30365.85	8.8
IPI00050742.2	Olfactory receptor 8B4	1	1	5.50%	34403.75	6.57
IPI00307216.1	Beta,beta-carotene 15,15'-monooxygenase	1	1	2.74%	62637.29	6.21
IPI00375402.2	Splice Isoform PPEF-2(L) of Serine/threonine protein phosphatase with EF-hands-2	1	1	1.32%	86802.72	6.51
IPI00293938.4	Splice Isoform 2 of Rap guanine nucleotide exchange	1	1	6.08%	52083.58	6.48
IPI00170605.1	Stereocilin precursor	1	1	0.96%	192967.32	5.27
IPI00296156.3	Chromosome 10 open reading frame 33	1	1	1.89%	63067.65	6.47

Table S4.

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ADRDQYELLCLDNTR	IPI00022463.1	2	5.1723	0.5004	1883.003	4.23
ASYLDCIR	IPI00022463.1	2	3.1953	0.3312	998.1087	5.87
AVANFFSGSCAPCADGTDFPQLCQLCPGCGCSTLNQYFGYSGAFK	IPI00022463.1	3	5.16	0.6467	4991.353	4.21
CDEWSVNSVGK	IPI00022463.1	2	4.2765	0.3134	1281.347	4.37
CGLVPVLAENYNK	IPI00022463.1	2	3.1056	0.2885	1477.681	5.99
CLKDGAGDVAFVK	IPI00022463.1	2	4.1791	0.3792	1380.565	5.95
CSTSSLLEACTFR	IPI00022463.1	2	5.6399	0.6476	1532.665	5.99
DCHLAQVPSHTVVAR	IPI00022463.1	2	4.9388	0.5015	1690.879	6.91
DGAGDVAFVK	IPI00022463.1	2	4.0139	0.343	979.0688	4.21
DLLFKDSAHGFLK	IPI00022463.1	3	3.3083	0.3328	1491.716	6.75
DLLFRDDTVCLAK	IPI00022463.1	2	3.6954	0.3519	1566.774	4.43
DSAHGFLK	IPI00022463.1	2	2.2661	0.1861	874.9638	6.74
DSAHGFLKVPPR	IPI00022463.1	3	3.8578	0.2561	1324.513	8.75
DSGFQMNQLR	IPI00022463.1	2	4.0165	0.2306	1196.319	5.84
DSSLCKLCMGSGLNLCEPNNK	IPI00022463.1	3	4.2193	0.3337	2398.658	6.05
DYELLCLDGTR	IPI00022463.1	2	4.7434	0.4697	1355.469	4.03
DYELLCLDGTRKPVEEYANCHLAR	IPI00022463.1	3	6.1991	0.5804	2924.202	4.9
EDLIWELLNQAQEHFGK	IPI00022463.1	2	6.5471	0.5838	2071.278	4.4
EDLIWELLNQAQEHFGKDK	IPI00022463.1	2	5.7828	0.5538	2314.539	4.5
EDPQTFYYAVAVVK	IPI00022463.1	2	5.3141	0.4909	1630.822	4.37
EDPQTFYYAVAVVKK	IPI00022463.1	2	4.2475	0.3713	1758.995	6.17
EFQLFSSPHGK	IPI00022463.1	2	3.869	0.4478	1277.41	6.85
EGYYGYTGAFR	IPI00022463.1	2	3.4651	0.495	1284.358	6.1
HQTVPQNTGGK	IPI00022463.1	2	2.3612	0.2841	1167.257	8.76
HQTVPQNTGGKNPDPWAK	IPI00022463.1	2	3.8629	0.4978	1976.142	8.6
HSTIFENLANK	IPI00022463.1	3	4.9363	0.3128	1274.408	6.75
HSTIFENLANKADR	IPI00022463.1	3	4.7382	0.5096	1616.76	6.75
HSTIFENLANKADRDQYELLCLDNTR	IPI00022463.1	3	5.8172	0.6242	3138.388	4.83
IECVSAETTEDCIAK	IPI00022463.1	2	5.8454	0.5943	1726.848	4
IMNGEADAMSLDGGFVYIAGK	IPI00022463.1	3	7.1452	0.5508	2160.457	4.03
INHCRFDEFFSEGCAPGS	IPI00022463.1	3	3.5323	0.3543	2259.407	5.44
KASYLDCIR	IPI00022463.1	2	3.0281	0.2057	1126.282	8.2
KDSGFQMNQLR	IPI00022463.1	3	4.1132	0.2814	1324.492	8.75
KDSSLCKLCMGSGLNLCEPNNK	IPI00022463.1	3	4.1649	0.5268	2526.831	7.94
KSASDLTWDNLK	IPI00022463.1	2	4.0412	0.3349	1378.513	5.96
LCMGSGLNLCEPNNK	IPI00022463.1	2	5.7217	0.4699	1707.918	5.99

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LCMGSGLNLCEPNNKEGYYGYTGAFR	IPI00022463.1	3	6.2461	0.5708	2973.253	6.13
MYLGYEYVTAIR	IPI00022463.1	2	5.4001	0.6288	1479.725	5.75
NLNEKDYELLCLDGTR	IPI00022463.1	2	5.9017	0.6115	1954.121	4.32
NPDPWAK	IPI00022463.1	2	2.4111	0.1797	827.9071	5.84
PVVAEFYGSK	IPI00022463.1	2	2.8235	0.4993	1097.245	6.42
SASDLTWDNLK	IPI00022463.1	2	4.3634	0.4318	1250.34	4.21
SCHTGLGRSAGWNIPIGLLYCDLPEPR	IPI00022463.1	3	3.0543	0.2183	3041.397	6.46
SDNCEDTPEAGYFAVAVVK	IPI00022463.1	3	6.9431	0.5803	2073.196	3.92
SDNCEDTPEAGYFAVAVVKK	IPI00022463.1	2	5.2633	0.5243	2201.369	4.32
SKEFQLFSSPHGK	IPI00022463.1	2	4.7873	0.5646	1492.661	8.34
SVIPSDGPSVACVK	IPI00022463.1	2	3.883	0.5203	1416.596	5.55
SVIPSDGPSVACVKK	IPI00022463.1	2	3.2601	0.3887	1544.769	7.92
TVRWCAVSEHEATK	IPI00022463.1	3	3.4479	0.3183	1674.833	6.42
WCALSHHER	IPI00022463.1	2	3.4555	0.4208	1196.294	6.91
YLGEEYVK	IPI00022463.1	2	2.9195	0.2644	1001.114	4.53
AIAANEADAVTLDAGLVYDAYLAPNNLKPVVAEFYGSK	IPI00022463.1	3	7.4969	0.6121	3956.406	4.11
APNHAVVTR	IPI00022463.1	2	2.8783	0.4702	965.0917	9.8
DDTVCLAK	IPI00022463.1	2	2.6189	0.2485	922.009	4.21
DQYELLCLDNTR	IPI00022463.1	2	5.8003	0.3162	1540.651	4.03
EGTCPEAPTDECK	IPI00022463.1	2	3.0209	0.5023	1494.527	4
EGTCPEAPTDECKPVK	IPI00022463.1	2	4.2214	0.4724	1818.948	4.41
FDEFFSEGCAPGSK	IPI00022463.1	2	5.7179	0.5958	1578.654	4.14
FDEFFSEGCAPGSKK	IPI00022463.1	2	4.5796	0.4863	1706.827	4.68
FDEFFSEGCAPGSKKDSSLCK	IPI00022463.1	3	3.9833	0.4037	2397.567	4.78
KCSTSSLLEACTFR	IPI00022463.1	2	5.4774	0.5963	1660.838	8.06
KPVDEYKDCHLAQVPSHTVVAR	IPI00022463.1	3	6.9992	0.5987	2550.848	6.91
KPVEEYANCHLAR	IPI00022463.1	3	5.346	0.5291	1587.755	6.75
LKCDEWSVNSVGK	IPI00022463.1	2	5.2179	0.503	1522.679	6.06
NLREGTCPEAPTDECKPV	IPI00022463.1	3	4.4857	0.314	2202.395	4.87
QQQHLFGSNVTDCSGNFCLFR	IPI00022463.1	3	4.8809	0.4829	2516.698	6.73
SAGWNIPIGLLYCDLPEP	IPI00022463.1	2	6.2724	0.5453	2172.462	4.37
SMGGKEDLIWELLNQAQEHFGK	IPI00022463.1	3	7.5946	0.5785	2531.829	4.83
SMGGKEDLIWELLNQAQEHFGKDK	IPI00022463.1	3	7.0959	0.568	2775.09	4.9
TAGWNIPMGLLYNK	IPI00022463.1	2	5.6733	0.4415	1578.86	8.26
WCAVSEHEATK	IPI00022463.1	2	4.0294	0.3812	1318.411	5.4
AAFTECCQAADK	IPI00022434.2	2	4.925	0.4317	1372.45	4.37

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ADDKETCFAEEGK	IPI00022434.2	3	5.0541	0.4472	1500.54	4.18
ADDKETCFAEEGKK	IPI00022434.2	3	5.6523	0.4293	1628.713	4.51
AEFAEVSK	IPI00022434.2	2	2.6991	0.3053	880.9651	4.53
AEFAEVSKLVTDLTK	IPI00022434.2	2	4.4256	0.5035	1651.883	4.68
ALVLIAFAQYLQQCPFED HVK	IPI00022434.2	2	6.9299	0.6683	2491.863	5.32
AVMDDFAAFVEK	IPI00022434.2	3	4.8653	0.4668	1343.53	4.03
AVMDDFAAFVEKCCK	IPI00022434.2	2	3.2485	0.244	1792.034	4.56
CCAAADPHECYAK	IPI00022434.2	2	5.1443	0.3637	1553.636	5.32
CCTESLVNR	IPI00022434.2	2	3.4331	0.3325	1139.229	5.99
CCTESLVNRRPCFSALEV DETYVPK	IPI00022434.2	3	3.9953	0.4128	3032.332	4.87
DDNPNLPR	IPI00022434.2	2	2.7605	0.261	940.9806	4.21
DLGEENFK	IPI00022434.2	2	2.9738	0.2092	952.0002	4.14
DVFLGMFLYEYAR	IPI00022434.2	2	5.1772	0.5026	1624.884	4.37
ECCEKPLLEK	IPI00022434.2	2	3.0132	0.3436	1306.475	4.79
EFNAETFTFHADICTLSE	IPI00022434.2	2	6.8286	0.6559	2261.423	4.4
EFNAETFTFHADICTLSE KER	IPI00022434.2	2	5.1267	0.6054	2546.724	4.57
FQNALLVR	IPI00022434.2	2	3.2298	0.2179	961.1429	9.75
KQTALVELVK	IPI00022434.2	2	3.2863	0.362	1129.375	8.59
KVPQVSTPTLVEVSR	IPI00022434.2	3	5.5668	0.4944	1640.906	8.75
KYLYEIAR	IPI00022434.2	2	3.0551	0.2298	1056.24	8.5
LCTVATLR	IPI00022434.2	2	2.558	0.1647	934.1093	8.25
LCTVATLRETYGEMADC CAK	IPI00022434.2	3	4.5448	0.5684	2350.613	4.68
LKECCEKPLLEK	IPI00022434.2	2	4.9129	0.3723	1547.806	6.21
LVNEVTEFAK	IPI00022434.2	2	4.1695	0.4301	1150.307	4.53
LVTDLTK	IPI00022434.2	1	2.1808	0.1013	789.9402	5.84
NYAEAK	IPI00022434.2	1	2.1736	0.1443	695.7439	6
PLVEEPQNLIK	IPI00022434.2	2	3.7307	0.3876	1280.495	4.53
QEPERNECFLQHK	IPI00022434.2	2	2.8688	0.1041	1715.842	5.5
QEPERNECFLQHKDDNP NLPR	IPI00022434.2	3	4.7588	0.5499	2637.8	4.9
QNCELFEQLGEYK	IPI00022434.2	2	5.0722	0.5616	1658.784	4.25
QNCELFEQLGEYKFQNA LLVR	IPI00022434.2	3	5.4459	0.4817	2600.904	4.79
QTALVELVK	IPI00022434.2	2	2.5568	0.1903	1001.202	6
RMPCAEDYLSVVLNQLC VLHEK	IPI00022434.2	3	7.5988	0.5651	2676.073	5.44
SHCIAEVENDEMPADLPS LAADFVESK	IPI00022434.2	3	7.7313	0.5841	2976.213	3.95
SHCIAEVENDEMPADLPS LAADFVESKDVCK	IPI00022434.2	3	4.5804	0.415	3478.77	4.07
SLHTLFGDK	IPI00022434.2	1	3.0551	0.2686	1018.148	6.46
SLHTLFGDKLCTVATLR	IPI00022434.2	2	5.3902	0.6098	1933.235	7.97
TCVADESAENCDK	IPI00022434.2	2	5.3033	0.4731	1499.504	3.92

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TPVSDR	IPI00022434.2	1	2.046	0.1857	674.7262	5.5
TYETTLEK	IPI00022434.2	2	2.6169	0.1638	985.0701	4.53
TYETTLEKCCAAADPHECYAK	IPI00022434.2	3	4.6053	0.337	2519.684	4.83
VFDEFKPLVEEPQNLIK	IPI00022434.2	3	5.9362	0.3912	2046.352	4.41
VFDEFKPLVEEPQNLIKQNCELFEQLGEYK	IPI00022434.2	3	6.6789	0.5388	3686.113	4.31
VHTECCHGDLLECADDR	IPI00022434.2	2	6.7474	0.631	2088.159	4.42
VHTECCHGDLLECADDRADLAK	IPI00022434.2	3	5.7702	0.608	2586.735	4.51
VPQVSTPTLVEVSR	IPI00022434.2	2	4.2487	0.6202	1512.733	5.97
YICENQDSISSK	IPI00022434.2	2	4.7857	0.4869	1444.52	4.37
YLYEIAR	IPI00022434.2	2	3.2185	0.3005	928.0666	6
ADLAKYICENQDSISSK	IPI00022434.2	2	4.3164	0.5424	1943.095	4.56
ETYGEMADCCAK	IPI00022434.2	2	4.5799	0.5436	1435.527	4.14
ETYGEMADCCAKQEPER	IPI00022434.2	2	3.0427	0.2343	2075.187	4.25
FKDLGEENFK	IPI00022434.2	3	4.2594	0.3166	1227.348	4.68
HPDYSVVLLLR	IPI00022434.2	3	4.3047	0.1277	1312.542	6.74
HPYFYAPELLFFAK	IPI00022434.2	3	4.8481	0.3801	1744.027	6.75
LVRPEVDVMCTAFHDNEETFLK	IPI00022434.2	3	7.9155	0.6042	2651.97	4.5
LVRPEVDVMCTAFHDNEETFLKK	IPI00022434.2	3	7.9695	0.6124	2780.143	4.9
MPCAEDYLSVVLNQLCVLHEK	IPI00022434.2	3	7.5315	0.5599	2519.886	4.65
NECFLQHK	IPI00022434.2	2	2.5576	0.34	1076.181	6.74
NECFLQHKDDNPNLPR	IPI00022434.2	2	5.8818	0.5687	1998.139	5.38
PCFSALEVDETYVPK	IPI00022434.2	2	5.8784	0.5927	1755.94	4.14
PEVDVMCTAFHDNEETFLK	IPI00022434.2	3	4.8954	0.6088	2283.494	4.17
PEVDVMCTAFHDNEETFLKK	IPI00022434.2	3	3.2209	0.3925	2411.667	4.5
RHPDYSVVLLLR	IPI00022434.2	3	5.6372	0.333	1468.729	8.75
RHPYFYAPELLFFAK	IPI00022434.2	3	6.2455	0.4908	1900.213	8.5
RHPYFYAPELLFFAKR	IPI00022434.2	3	5.1338	0.5111	2056.399	9.7
RPCFSALEVDETYVPK	IPI00022434.2	3	4.7707	0.4093	1912.126	4.68
VTKCCTESLVNR	IPI00022434.2	3	3.2534	0.3021	1467.638	8.03
YKAAFTECCQAADK	IPI00022434.2	2	5.5892	0.6187	1663.797	6.05
AAVYHHFISDGVR	IPI00164623.3	3	3.1903	0.5121	1472.633	6.96
ACEPGVDYVYK	IPI00164623.3	2	3.204	0.4612	1301.42	4.37
AGDFLEANYMNLQR	IPI00164623.3	2	4.7843	0.4233	1642.818	4.37
DAPDHQELNLDVSLQLPS	IPI00164623.3	2	3.5383	0.315	2148.319	4.22
DFDFVPPVVR	IPI00164623.3	2	3.1978	0.4148	1191.36	4.21
DICEEQVNSLPGSITK	IPI00164623.3	2	5.5131	0.4011	1790.944	4.14
DSCVGSLVVK	IPI00164623.3	2	3.0618	0.2807	1064.209	5.83
DTWVEHWPEEDECQDEENQK	IPI00164623.3	3	7.8176	0.5164	2604.588	3.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
DYAGVFSDAGLTFTSSSGQQTAQR	IPI00164623.3	2	3.511	0.5237	2495.6	4.21
EDIPPADLSDQVPDTESETR	IPI00164623.3	2	4.3985	0.6255	2215.271	3.62
ENEGFTVTAEGK	IPI00164623.3	2	2.8338	0.3995	1282.339	4.25
EYVLPSFEVIVEPTEK	IPI00164623.3	2	5.6492	0.538	1880.127	4.09
FVTVQATFGTQVVEK	IPI00164623.3	2	4.0204	0.405	1654.888	6
FYYIYNEK	IPI00164623.3	2	2.18	0.2952	1140.269	6
GLEVTITAR	IPI00164623.3	2	2.4655	0.3454	960.1101	6
GQGTLSVVTMYHAK	IPI00164623.3	2	3.5319	0.4661	1492.726	8.6
GYTQQLAFR	IPI00164623.3	2	2.3239	0.201	1084.21	8.75
IWDVVEK	IPI00164623.3	2	2.2638	0.1703	889.0304	4.37
KQELSEAEQATR	IPI00164623.3	3	3.9381	0.2354	1390.482	4.79
KVEGTAFVIFGIQDGEQR	IPI00164623.3	3	4.6991	0.3459	1995.225	4.68
KVFLDCCNYITELR	IPI00164623.3	3	4.3717	0.2901	1832.077	6.05
NTMILEICTR	IPI00164623.3	2	2.3484	0.1223	1251.472	6
QELSEAEQATR	IPI00164623.3	2	3.3226	0.4442	1262.309	4.25
QKPDGVFQEDAPVIHQEMIGGLR	IPI00164623.3	3	4.3423	0.4308	2565.89	4.75
RAPSTWLTAYVVK	IPI00164623.3	3	3.4219	0.2462	1492.747	9.99
RIPIEDGSGEVVLSR	IPI00164623.3	2	4.7429	0.5545	1627.824	4.68
SSLSVPYVIVPLK	IPI00164623.3	2	2.3557	0.1961	1402.704	8.31
TGLQEVEVK	IPI00164623.3	2	3.4745	0.3198	1003.132	4.53
TIYTPGSTVLYR	IPI00164623.3	2	3.0061	0.4568	1371.563	8.25
VEGTAFVIFGIQDGEQR	IPI00164623.3	2	4.6236	0.4433	1867.052	4.14
VFLDCCNYITELR	IPI00164623.3	2	4.8342	0.4434	1703.905	4.37
VFSLAVNLIAIDSQVLCGAVK	IPI00164623.3	2	5.2179	0.5727	2218.615	5.8
VHQYFNVELIQPGAVK	IPI00164623.3	3	5.108	0.2574	1843.118	6.72
VQLSNDFDEYIMAIEQTI	IPI00164623.3	2	5.6734	0.6097	2258.534	3.92
VSHSEDDCLAFK	IPI00164623.3	3	3.879	0.3929	1408.489	4.54
VVLVSLQSGYLFIQTDK	IPI00164623.3	2	4.5824	0.4666	1911.231	5.81
VYAYYNLEESCTR	IPI00164623.3	2	4.7788	0.588	1668.779	4.53
APSTWLTAYVVK	IPI00164623.3	2	3.5712	0.544	1336.561	8.63
AYYENSPQQVFSTEFEVK	IPI00164623.3	2	5.4434	0.5611	2167.316	4.25
CAEENCFIQK	IPI00164623.3	2	3.9498	0.3239	1299.399	4.53
EGVQKEDIPPADLSDQVPDTESETR	IPI00164623.3	3	6.0199	0.4667	2756.872	3.85
EPGQDLVVLPLSITTDFIPSFR	IPI00164623.3	2	3.0125	0.4925	2445.795	4.03
EVVADSVWVDVK	IPI00164623.3	2	4.1246	0.5129	1346.511	4.03
FISLGEACK	IPI00164623.3	2	2.6271	0.2	1025.174	5.99
HQQTVTIPPK	IPI00164623.3	2	2.5678	0.3823	1149.325	8.76
IHWESASLLR	IPI00164623.3	3	3.3878	0.2616	1212.383	6.75
ILLQGTPVAQMTEDAVDAER	IPI00164623.3	2	6.4864	0.6242	2158.419	3.92
IPIEDGSGEVVLSR	IPI00164623.3	2	4.553	0.5083	1471.638	4.14

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LVAYYTLIGASGQR	IPI00164623.3	2	4.3877	0.3008	1512.735	8.59
NTLIIYLDK	IPI00164623.3	2	2.8994	0.2839	1093.298	5.84
SEETKENEGFTVTAEGK	IPI00164623.3	2	4.9668	0.4166	1856.923	4.32
SGIPIVTSPYQIHFTK	IPI00164623.3	2	4.8622	0.5793	1789.067	8.33
SNLDEDIIAEENIVSR	IPI00164623.3	2	5.6935	0.559	1817.933	3.83
SYTVAIAGYALAQMGR	IPI00164623.3	2	2.9765	0.3421	1672.93	8.31
TELRPGETLNVNFLLR	IPI00164623.3	3	5.1062	0.4315	1873.146	5.81
TFISPIK	IPI00164623.3	2	2.2251	0.1391	805.9845	8.41
TMQALPYSTVGNSNNYLHLSVLR	IPI00164623.3	2	4.3993	0.5152	2579.917	8.29
TVMVNIENPEGIPVK	IPI00164623.3	2	4.2993	0.3594	1640.926	4.53
VELLHNPAFCSLATTK	IPI00164623.3	3	4.3857	0.4323	1802.058	6.71
VPVAVQGEDTVQSLTQGDGVAK	IPI00164623.3	2	6.5218	0.7107	2199.404	4.03
VPVAVQGEDTVQSLTQGDGVAKLSINTHPSQK	IPI00164623.3	3	3.4336	0.3476	3305.642	5.38
YYTYLIMNK	IPI00164623.3	2	2.6816	0.2976	1209.439	8.43
CDPHEATCYDDGK	IPI00414283.1	3	4.3933	0.4822	1568.568	4.22
DDKESVPISDTIIPAVPPPTDLR	IPI00414283.1	3	3.9115	0.4504	2476.765	4.04
DSMIWDCTCIGAGR	IPI00414283.1	2	4.2336	0.4737	1642.803	4.21
DTLTSRPAQGVVTTLENVSPPR	IPI00414283.1	2	3.7849	0.4453	2339.591	6.07
DTLTSRPAQGVVTTLENVSPPRR	IPI00414283.1	3	4.0135	0.5264	2495.778	9.51
EINLAPDSSSVVVSGLMVATK	IPI00414283.1	2	5.6302	0.5623	2118.438	4.37
ESVPISDTIIPAVPPPTDLR	IPI00414283.1	2	2.581	0.1779	2118.416	4.03
EYLGAICSCTCFGGQR	IPI00414283.1	2	4.9953	0.5612	1880.029	6.07
FGFCPMAAHEEICTTNEGVMYR	IPI00414283.1	3	5.1994	0.581	2621.918	4.75
GEWTCKPIAEK	IPI00414283.1	2	2.8647	0.2103	1319.482	6.14
HYQINQQWER	IPI00414283.1	2	3.5964	0.3377	1402.499	6.75
IYLYTLNDNAR	IPI00414283.1	2	3.6646	0.2638	1356.509	5.84
LGVRPSQGGEAPR	IPI00414283.1	3	4.7799	0.3353	1324.472	9.6
LLCQCLGFGSGHFR	IPI00414283.1	3	4.2619	0.4284	1652.866	8.08
TETITGFQVDAVPANGQTPIQR	IPI00414283.1	2	5.26	0.5656	2344.567	4.37
TYHVGEQWQK	IPI00414283.1	3	3.7683	0.2143	1276.382	6.41
VTIMWTPPESAVTGYR	IPI00414283.1	2	4.6138	0.6078	1809.079	5.97
VVTPLSPPTNLHLEANPDTGVLTVSWER	IPI00414283.1	3	5.7019	0.5305	3044.407	4.65
WCGTTQNYDADQK	IPI00414283.1	2	4.6111	0.4376	1587.623	4.21
WLPSSSPVTGYR	IPI00414283.1	2	3.0106	0.3372	1350.504	8.75
YEVSVYALK	IPI00414283.1	2	2.1762	0.1758	1072.236	6
YSFCTDHTVLVQTR	IPI00414283.1	2	4.4654	0.4365	1727.893	6.73
DLQFVEVTDVK	IPI00414283.1	2	4.5638	0.4028	1293.448	4.03

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
EESPLLIGQQSTVSDVPR	IPI00414283.1	2	4.6486	0.4598	1956.144	4.14
EEVVTVGNSVNEGLNQPTDDSCFDPYTVSHYAVGDEWER	IPI00414283.1	3	5.6685	0.6164	4417.569	3.8
FLATTPNSLLVSWQPPR	IPI00414283.1	2	4.2656	0.5111	1928.223	9.75
FTNIGPDTMR	IPI00414283.1	2	2.7136	0.3524	1152.306	5.84
GATYNIIVEALK	IPI00414283.1	2	3.6991	0.3793	1292.506	6
GATYNIIVEALKDQQR	IPI00414283.1	2	4.3822	0.3644	1820.04	6.07
GDSPASSKPISINYR	IPI00414283.1	2	3.4378	0.4932	1592.735	8.59
GEWTCIAYSQLR	IPI00414283.1	2	4.151	0.3578	1484.632	5.99
GFNCESKPEAEETCFDK	IPI00414283.1	3	5.3931	0.5848	2049.125	4.25
GFNCESKPEAEETCFDKYTGNTYR	IPI00414283.1	3	5.7306	0.53	2905.023	4.59
GNLLQCICTGNGR	IPI00414283.1	2	4.4201	0.2649	1463.609	8.07
HTSVQTTSSGSGPFTDVR	IPI00414283.1	2	5.2887	0.6082	1864.951	6.74
ISCTIANR	IPI00414283.1	2	2.5971	0.2431	935.0541	8.25
ITYGETGGNSPVQEFTVPGSK	IPI00414283.1	2	4.529	0.5788	2169.334	4.53
NLQPASEYTVSLVAIK	IPI00414283.1	2	4.8472	0.5027	1733.987	6
NSITLTNLTPGTEYVVSIVALNGR	IPI00414283.1	3	2.9714	0.2971	2533.863	6
NTFAEVTGLSPGVTYYFK	IPI00414283.1	2	6.1428	0.5608	1995.22	6
PAQGVVTTLENVSPPR	IPI00414283.1	2	3.9864	0.6015	1665.873	6.43
QDGHLWCSTTSNYEQDQ	IPI00414283.1	3	5.7539	0.4445	2198.242	4.54
QGENGQMMSCTCLGNG	IPI00414283.1	2	4.3394	0.4605	1873.047	5.99
RPGGEPSPEGTTGQSYNQYSQR	IPI00414283.1	3	6.6556	0.6628	2397.46	6.14
RPHETGGYMLECVCLGNGK	IPI00414283.1	3	4.687	0.4088	2179.43	6.74
SSPVVIDASTAIDAPSNLR	IPI00414283.1	2	4.622	0.4862	1914.107	4.21
STTPDITGYR	IPI00414283.1	2	2.3764	0.4202	1111.187	5.55
SYTITGLQPGTDYK	IPI00414283.1	2	4.6155	0.5364	1544.687	5.55
TEIDKPSQMQVTDVQDNSISVK	IPI00414283.1	3	4.9614	0.4313	2463.705	4.23
TFYSCTTEGR	IPI00414283.1	2	2.7657	0.5662	1222.28	5.66
TKTETITGFQVDAVPANGQTPIQR	IPI00414283.1	3	4.3575	0.4802	2573.844	5.74
TNTNVNCPIECFMPLDVQADR	IPI00414283.1	2	5.2918	0.5239	2495.739	4.03
TYLGNALVCTCYGGSR	IPI00414283.1	2	5.499	0.5936	1792.958	7.72
VDVIPVNLPGEHGQR	IPI00414283.1	2	3.0135	0.5086	1630.83	5.32
VEYELSEEGDEPQYLDLPSTATSVNIPDLLPGRK	IPI00414283.1	3	7.1294	0.6231	3777.098	3.89
VPGTSTSATLTGLTR	IPI00414283.1	2	4.2911	0.6252	1462.631	9.72
VTWAPPPSIDLTNFLVR	IPI00414283.1	2	3.4685	0.4372	1927.235	5.81
WSRPQAPITGYR	IPI00414283.1	3	3.5261	0.274	1432.612	10.84
YQCYCYGR	IPI00414283.1	2	2.2364	0.3592	1170.243	8.03

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AGEQVTYTCATYYK	IPI00556148.1	2	5.1074	0.5946	1655.78	6.03
AQTTVTCMENGWSPTPR	IPI00556148.1	2	5.8975	0.6136	1937.117	6.04
AVYTCNEGYQLLGEINY	IPI00556148.1	2	6.2778	0.5655	2164.354	4.53
CFEGFGIDGPAIAK	IPI00556148.1	2	4.7595	0.5266	1482.656	4.37
CGPPPPIDNGDITSFPLSVYAPASSVEYQCQNLYQLEGNKR	IPI00556148.1	3	4.0696	0.4163	4584.988	4.32
CKSSNLIILEEHLK	IPI00556148.1	3	3.3148	0.1864	1684.952	6.75
CLPVTAPENGK	IPI00556148.1	2	2.5333	0.336	1186.334	5.99
CNMGYEYSER	IPI00556148.1	2	3.6963	0.4389	1309.381	4.53
CTSTGWIPAPR	IPI00556148.1	2	3.3775	0.48	1246.391	8.25
CVEISCK	IPI00556148.1	2	2.6934	0.4204	896.0081	5.99
DGWSAQPTCIK	IPI00556148.1	2	3.0659	0.3296	1263.375	5.83
EEYGHSEVVEYYCNPR	IPI00556148.1	3	3.5904	0.352	2032.106	4.48
EQVQSCGPPPELLNGNV	IPI00556148.1	2	5.6796	0.6151	1967.163	4.53
FSCKPGFTIVGPNSVQCYHFGLSPDLPICK	IPI00556148.1	3	4.651	0.5467	3427.874	7.95
HGGLYHENMR	IPI00556148.1	3	3.6517	0.5227	1214.339	6.92
IDVHLVPDR	IPI00556148.1	2	2.6141	0.139	1064.22	5.21
IEGDEEMHCSDDGFWSK	IPI00556148.1	2	4.6624	0.5748	2043.107	4.01
IVSSAMEPDR	IPI00556148.1	2	2.6325	0.2394	1105.248	4.37
IVSSAMEPDREYHFGQA	IPI00556148.1	3	4.9627	0.5479	2193.428	5.45
LGYVTADGETSGSITCGK	IPI00556148.1	2	5.5059	0.6641	1816.938	4.37
LSYTCEGGFR	IPI00556148.1	2	3.2308	0.4875	1190.281	5.99
RPCGHPGDTPFGTFTLTGGNVFEYGVK	IPI00556148.1	3	5.2832	0.4648	2913.186	6.74
SCDIPVFMNAR	IPI00556148.1	2	3.842	0.4189	1310.498	5.55
SCDNPYIPNGDYSPLR	IPI00556148.1	2	4.445	0.4987	1868.975	4.21
SIDVACHPGYALPK	IPI00556148.1	2	4.2338	0.4098	1528.728	6.46
SPDVINGSPISQK	IPI00556148.1	2	4.0913	0.4049	1342.48	5.55
SPPEISHGVVAHMSDSYQYGEEVTYK	IPI00556148.1	3	5.5413	0.6077	2912.137	4.8
SSIDIENGFISESQYTYAL	IPI00556148.1	2	5.7342	0.4575	2266.446	4.14
SSNLIILEEHLK	IPI00556148.1	2	4.1085	0.43	1396.614	5.38
TDCLSLPSFENAIPMGEK	IPI00556148.1	2	4.7866	0.4916	2010.248	4.14
TDCLSLPSFENAIPMGEK	IPI00556148.1	3	3.4513	0.2671	2138.421	4.68
TKEEYGHSEVVEYYCNP	IPI00556148.1	3	6.3722	0.4777	2261.383	4.9
VSVLCQENYLIQEGEEIT	IPI00556148.1	3	5.8975	0.4359	2413.651	4.09
VSVLCQENYLIQEGEEITCKDGR	IPI00556148.1	3	4.456	0.5308	2741.977	4.25
WSHPPSCIK	IPI00556148.1	2	2.7624	0.2486	1112.257	8.23
WSSPPQCEGLPCK	IPI00556148.1	2	3.7644	0.4397	1546.694	5.99
DTSCVNPPTVQNAYIVSR	IPI00556148.1	2	5.9394	0.5785	2022.199	5.83
ECDTDGWTNDIPICEVVK	IPI00556148.1	2	4.9742	0.5624	2152.288	3.77
EIMENYNIALR	IPI00556148.1	2	3.7416	0.4156	1366.569	4.53
FVCNSGYK	IPI00556148.1	2	2.6693	0.3452	975.0736	8.2
GDAVCTESGWRPLPSCE	IPI00556148.1	2	4.6782	0.5317	2179.317	4.41

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KGEWVALNPLR	IPI00556148.1	3	4.3577	0.2079	1283.504	8.75
KGEWVALNPLRK	IPI00556148.1	3	4.3328	0.3572	1411.677	9.99
NGFYPATR	IPI00556148.1	2	2.2228	0.3496	926.0108	8.75
NGQWSEPPK	IPI00556148.1	2	3.1221	0.3279	1043.115	6
NTEILTGSWSDQTYPEGTQAIYK	IPI00556148.1	3	5.2465	0.5694	2603.779	4.14
RNTEILTGSWSDQTYPEGTQAIYK	IPI00556148.1	3	5.3189	0.5927	2759.965	4.68
SITCIHGVWTQLPQCVAIDK	IPI00556148.1	2	5.7886	0.5546	2327.652	6.45
SLGNVIMVCR	IPI00556148.1	2	3.1869	0.4212	1149.383	7.96
SSQESYAHGTK	IPI00556148.1	2	2.2627	0.1903	1195.221	6.47
TGDEITYQCR	IPI00556148.1	2	2.9556	0.2964	1243.299	4.37
TGESVEFVCK	IPI00556148.1	2	3.3638	0.3914	1156.261	4.53
TKNDFTWFK	IPI00556148.1	2	3.1413	0.4707	1187.329	8.26
WQSIPLCVEK	IPI00556148.1	2	2.219	0.1491	1260.458	5.99
AAQVTIQSSGTFSSK	IPI00478003.1	2	4.0619	0.5566	1512.647	8.8
AGAFCLSEDAGLGISSTASLR	IPI00478003.1	2	3.8957	0.4909	2084.267	4.37
AIGYLNTGYQR	IPI00478003.1	2	3.1365	0.3889	1256.392	8.63
ALLAYAFALAGNQDK	IPI00478003.1	2	4.9398	0.4464	1566.783	5.88
ATVLNYLPK	IPI00478003.1	2	2.8687	0.2734	1019.219	8.63
DMYSFLEDMGLK	IPI00478003.1	2	5.2733	0.3788	1449.675	4.03
DTVIKPLLVEPEGLEK	IPI00478003.1	2	4.5418	0.4278	1781.083	4.41
EEFPFALGVQTLPQTCDEPK	IPI00478003.1	2	4.3219	0.5008	2307.535	4
EQAPHCICANGR	IPI00478003.1	2	2.2568	0.4148	1413.509	6.82
ETTFNSLLCPSGGEVSEELSLK	IPI00478003.1	2	4.5601	0.5358	2398.599	4.09
FEVQVTVPK	IPI00478003.1	2	3.2631	0.3349	1047.229	6
GHFSISIPVK	IPI00478003.1	2	2.8046	0.3827	1085.281	8.76
HYDGSYSTFGER	IPI00478003.1	2	3.3895	0.466	1419.437	5.32
LHTEAQIQEEGTVVELTG	IPI00478003.1	3	4.0259	0.4088	2111.299	4.48
LPPNVVEESAR	IPI00478003.1	2	3.4015	0.4149	1211.35	4.53
MCPQLQQYEMHGPEGLR	IPI00478003.1	3	2.9138	0.4658	2075.352	5.38
MVSGFIPLKPTVK	IPI00478003.1	2	3.8175	0.4042	1417.785	10
NEDSLVFVQTDK	IPI00478003.1	2	4.0294	0.5651	1395.497	4.03
QFSFPLSSEPFQGSYK	IPI00478003.1	2	4.5149	0.4517	1850.02	6
QQNAQGGFSSTQDTVVALHALSK	IPI00478003.1	3	4.0516	0.4992	2388.579	6.74
SSSNEEVMFLTVQVK	IPI00478003.1	2	4.5342	0.3666	1698.92	4.53
VDLSFSPSQSLPASHAHL	IPI00478003.1	3	3.5062	0.4299	2050.264	6.89
VSNQTLSLFFTVLQDVPV	IPI00478003.1	3	3.0596	0.3583	2164.49	5.81
VTGEGCVYLQTSLK	IPI00478003.1	2	3.9819	0.3878	1555.748	5.96
YDVENCLANK	IPI00478003.1	2	3.129	0.3375	1226.312	4.37
YNILPEKEEFPFALGVQTLPQTCDEPK	IPI00478003.1	3	5.3995	0.5209	3165.532	4.25

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YSDASDCHGEDSQAFCE	IPI00478003.1	3	4.7252	0.5311	2107.078	4.1
AFQPFFVELTMPYSVIR	IPI00478003.1	2	4.5323	0.4825	2046.42	6.05
HNVYINGITYTPVSSTNE	IPI00478003.1	2	5.059	0.4388	2138.323	6.75
IAQWQSFQLEGGLK	IPI00478003.1	2	4.4056	0.4205	1605.819	6
KDTVIKPLLVEPEGLEK	IPI00478003.1	3	4.4089	0.5049	1909.256	4.87
KYSDASDCHGEDSQAFCEK	IPI00478003.1	3	5.9528	0.5141	2235.251	4.43
LLIYAVLPTGDVIGDSAK	IPI00478003.1	2	5.3182	0.5553	1846.157	4.21
LLLQQVSLPELPGEYSMK	IPI00478003.1	2	4.8969	0.5241	2046.417	4.53
LVHVEEPHTETVR	IPI00478003.1	2	3.1977	0.4078	1546.71	5.33
NALFCLESAWK	IPI00478003.1	2	2.4361	0.2941	1339.515	5.99
NQGNTWLTAFVLK	IPI00478003.1	2	4.5182	0.4862	1492.704	8.75
QGIPFFGQVR	IPI00478003.1	2	2.5916	0.4446	1149.327	9.75
QTVSWAVTPK	IPI00478003.1	2	2.237	0.2761	1117.28	8.75
SASNMAIVDVK	IPI00478003.1	2	2.8412	0.2158	1135.317	5.55
SLFTDLEAENDVLHCVAFAVPK	IPI00478003.1	3	5.3307	0.5801	2476.76	4.31
SSGSLLNNAIK	IPI00478003.1	2	3.1975	0.2494	1104.239	8.47
TEHPFTVEEFVLPK	IPI00478003.1	3	4.9742	0.3147	1673.89	4.75
TEVSSNHVLIYLDK	IPI00478003.1	2	4.7928	0.548	1618.813	5.29
VGFYESDVMGR	IPI00478003.1	2	3.4772	0.5077	1260.401	4.37
VSVQLEASPAFLAVPVEK	IPI00478003.1	2	5.0267	0.5835	1885.193	4.53
VTAAPQSVCALR	IPI00478003.1	2	3.6932	0.4808	1273.458	8.22
VVSMDENFHPLNELIPLVYIQDPK	IPI00478003.1	3	4.8154	0.389	2812.233	4.31
YGAATFTR	IPI00478003.1	2	2.2693	0.378	886.9746	8.75
ADDKETCFAEEGK	IPI00216773.4	3	5.0541	0.4472	1500.54	4.18
ADDKETCFAEEGKK	IPI00216773.4	3	5.6523	0.4293	1628.713	4.51
ALVLIAFAQYLQQCPFEDHVK	IPI00216773.4	2	6.9299	0.6683	2491.863	5.32
AVMDDFAAFVEK	IPI00216773.4	3	4.8653	0.4668	1343.53	4.03
AVMDDFAAFVEKCCK	IPI00216773.4	2	3.2485	0.244	1792.034	4.56
CCAAADPHECYAK	IPI00216773.4	2	5.1443	0.3637	1553.636	5.32
CCTESLVNR	IPI00216773.4	2	3.4331	0.3325	1139.229	5.99
CCTESLVNRRPCFSALEVDETYVPK	IPI00216773.4	3	3.9953	0.4128	3032.332	4.87
DDNPNLPR	IPI00216773.4	2	2.7605	0.261	940.9806	4.21
DLGEENFK	IPI00216773.4	2	2.9738	0.2092	952.0002	4.14
EFNAETFTFHADICTLSE	IPI00216773.4	2	6.8286	0.6559	2261.423	4.4
EFNAETFTFHADICTLSEKER	IPI00216773.4	2	5.1267	0.6054	2546.724	4.57
FQNALLVR	IPI00216773.4	2	3.2298	0.2179	961.1429	9.75
KLVAASQAALGL	IPI00216773.4	2	3.5454	0.4932	1142.374	8.75
KQTALVELVK	IPI00216773.4	2	3.2863	0.362	1129.375	8.59
KVPQVSTPTLVEVSR	IPI00216773.4	3	5.5668	0.4944	1640.906	8.75
LCTVATLR	IPI00216773.4	2	2.558	0.1647	934.1093	8.25

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LCTVATLRETYGEMADCCAK	IPI00216773.4	3	4.5448	0.5684	2350.613	4.68
LVAASQAALGL	IPI00216773.4	2	4.185	0.4718	1014.201	5.53
LVNEVTEFAK	IPI00216773.4	2	4.1695	0.4301	1150.307	4.53
PLVEEPQNLIK	IPI00216773.4	2	3.7307	0.3876	1280.495	4.53
QEPERNECFLQHK	IPI00216773.4	2	2.8688	0.1041	1715.842	5.5
QEPERNECFLQHKDDNPNLPR	IPI00216773.4	3	4.7588	0.5499	2637.8	4.9
QNCELFEQLGEYK	IPI00216773.4	2	5.0722	0.5616	1658.784	4.25
QNCELFEQLGEYKFQNALLVR	IPI00216773.4	3	5.4459	0.4817	2600.904	4.79
QTALVELVK	IPI00216773.4	2	2.5568	0.1903	1001.202	6
RMPCAEDYLSVVLNQLCVLHEK	IPI00216773.4	3	7.5988	0.5651	2676.073	5.44
SLHTLFGDK	IPI00216773.4	1	3.0551	0.2686	1018.148	6.46
SLHTLFGDKLCTVATLR	IPI00216773.4	2	5.3902	0.6098	1933.235	7.97
TCVADESAENCDK	IPI00216773.4	2	5.3033	0.4731	1499.504	3.92
TPVSDR	IPI00216773.4	1	2.046	0.1857	674.7262	5.5
VFDEFKPLVEEPQNLIK	IPI00216773.4	3	5.9362	0.3912	2046.352	4.41
VFDEFKPLVEEPQNLIKQNCELFEQLGEYK	IPI00216773.4	3	6.6789	0.5388	3686.113	4.31
VPQVSTPTLVEVSR	IPI00216773.4	2	4.2487	0.6202	1512.733	5.97
ETYGEMADCCAK	IPI00216773.4	2	4.5799	0.5436	1435.527	4.14
ETYGEMADCCAKQEPER	IPI00216773.4	2	3.0427	0.2343	2075.187	4.25
FKDLGEENFK	IPI00216773.4	3	4.2594	0.3166	1227.348	4.68
LVRPEVDVMCTAFHDNEETFLK	IPI00216773.4	3	7.9155	0.6042	2651.97	4.5
LVRPEVDVMCTAFHDNEETFLKK	IPI00216773.4	3	7.9695	0.6124	2780.143	4.9
MPCAEDYLSVVLNQLCVLHEK	IPI00216773.4	3	7.5315	0.5599	2519.886	4.65
NECFLQHK	IPI00216773.4	2	2.5576	0.34	1076.181	6.74
NECFLQHKDDNPNLPR	IPI00216773.4	2	5.8818	0.5687	1998.139	5.38
PCFSALEVDETYVPK	IPI00216773.4	2	5.8784	0.5927	1755.94	4.14
PEVDVMCTAFHDNEETFLK	IPI00216773.4	3	4.8954	0.6088	2283.494	4.17
PEVDVMCTAFHDNEETFLKK	IPI00216773.4	3	3.2209	0.3925	2411.667	4.5
RPCFSALEVDETYVPK	IPI00216773.4	3	4.7707	0.4093	1912.126	4.68
VTKCCTESLVNR	IPI00216773.4	3	3.2534	0.3021	1467.638	8.03
ADDKETCFAEEGK	IPI00384697.1	3	5.0541	0.4472	1500.54	4.18
ADDKETCFAEEGKK	IPI00384697.1	3	5.6523	0.4293	1628.713	4.51
AEFAEVSK	IPI00384697.1	2	2.6991	0.3053	880.9651	4.53
AEFAEVSKLVTDLTK	IPI00384697.1	2	4.4256	0.5035	1651.883	4.68
AVMDDFAAFVEK	IPI00384697.1	3	4.8653	0.4668	1343.53	4.03
AVMDDFAAFVEKCCK	IPI00384697.1	2	3.2485	0.244	1792.034	4.56
CCAAADPHECYAK	IPI00384697.1	2	5.1443	0.3637	1553.636	5.32

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
CCTESLVNR	IPI00384697.1	2	3.4331	0.3325	1139.229	5.99
CCTESLVNRRPCFSALEVDETYVPK	IPI00384697.1	3	3.9953	0.4128	3032.332	4.87
DLGEENFK	IPI00384697.1	2	2.9738	0.2092	952.0002	4.14
DVFLGMFLYEYAR	IPI00384697.1	2	5.1772	0.5026	1624.884	4.37
ECCEKPLLEK	IPI00384697.1	2	3.0132	0.3436	1306.475	4.79
EFNAETFTFHADICTLSE	IPI00384697.1	2	6.8286	0.6559	2261.423	4.4
EFNAETFTFHADICTLSEKER	IPI00384697.1	2	5.1267	0.6054	2546.724	4.57
FQNALLVR	IPI00384697.1	2	3.2298	0.2179	961.1429	9.75
KLVAASQAALGL	IPI00384697.1	2	3.5454	0.4932	1142.374	8.75
KQTALVELVK	IPI00384697.1	2	3.2863	0.362	1129.375	8.59
KVPQVSTPTLVEVSR	IPI00384697.1	3	5.5668	0.4944	1640.906	8.75
LKECCEKPLLEK	IPI00384697.1	2	4.9129	0.3723	1547.806	6.21
LVAASQAALGL	IPI00384697.1	2	4.185	0.4718	1014.201	5.53
LVTDLTK	IPI00384697.1	1	2.1808	0.1013	789.9402	5.84
NYAEAK	IPI00384697.1	1	2.1736	0.1443	695.7439	6
PLVEEPQNLIK	IPI00384697.1	2	3.7307	0.3876	1280.495	4.53
QNCELFEQLGEYK	IPI00384697.1	2	5.0722	0.5616	1658.784	4.25
QNCELFEQLGEYKFQNALLVR	IPI00384697.1	3	5.4459	0.4817	2600.904	4.79
QTALVELVK	IPI00384697.1	2	2.5568	0.1903	1001.202	6
RMPCAEDYLSVVLNQLCVLHEK	IPI00384697.1	3	7.5988	0.5651	2676.073	5.44
SHCIAEVENDEMPADLPSLAADFVESK	IPI00384697.1	3	7.7313	0.5841	2976.213	3.95
SHCIAEVENDEMPADLPSLAADFVESKDVCK	IPI00384697.1	3	4.5804	0.415	3478.77	4.07
TPVSDR	IPI00384697.1	1	2.046	0.1857	674.7262	5.5
TYETTLEK	IPI00384697.1	2	2.6169	0.1638	985.0701	4.53
TYETTLEKCCAAADPHECYAK	IPI00384697.1	3	4.6053	0.337	2519.684	4.83
VFDEFKPLVEEPQNLIK	IPI00384697.1	3	5.9362	0.3912	2046.352	4.41
VFDEFKPLVEEPQNLIKQNCELFEQLGEYK	IPI00384697.1	3	6.6789	0.5388	3686.113	4.31
VHTECCHGDLLECADDR	IPI00384697.1	2	6.7474	0.631	2088.159	4.42
VHTECCHGDLLECADDRADLAK	IPI00384697.1	3	5.7702	0.608	2586.735	4.51
VPQVSTPTLVEVSR	IPI00384697.1	2	4.2487	0.6202	1512.733	5.97
YICENQDSISSK	IPI00384697.1	2	4.7857	0.4869	1444.52	4.37
ADLAKYICENQDSISSK	IPI00384697.1	2	4.3164	0.5424	1943.095	4.56
FKDLGEENFK	IPI00384697.1	3	4.2594	0.3166	1227.348	4.68
HPDYSVVLLLR	IPI00384697.1	3	4.3047	0.1277	1312.542	6.74
MPCAEDYLSVVLNQLCVLHEK	IPI00384697.1	3	7.5315	0.5599	2519.886	4.65
PCFSALEVDETYVPK	IPI00384697.1	2	5.8784	0.5927	1755.94	4.14
RHPDYSVVLLLR	IPI00384697.1	3	5.6372	0.333	1468.729	8.75

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
RPCFSALEVDETYVPK	IPI00384697.1	3	4.7707	0.4093	1912.126	4.68
VTKCCTESLVNR	IPI00384697.1	3	3.2534	0.3021	1467.638	8.03
AEFQDALEK	IPI00453459.1	2	2.3955	0.2464	1051.132	4.14
AEMADQAAAWLTR	IPI00453459.1	2	3.7221	0.3456	1434.603	4.37
ASAGLLGAHAAAITAYALTLTK	IPI00453459.1	2	6.3263	0.5755	2086.42	8.64
DHAVDLIQK	IPI00453459.1	2	2.4783	0.3597	1039.167	5.21
ITQVLHFTK	IPI00453459.1	2	2.4256	0.2985	1087.297	8.76
KYVLPNFEVK	IPI00453459.1	3	3.6232	0.1384	1237.472	8.5
LGQYASPTAK	IPI00453459.1	2	3.1283	0.4336	1036.163	8.59
LHLETDSLALVALGALDTALYAAGSK	IPI00453459.1	3	4.9453	0.537	2614.976	4.54
LNMGITDLQGLR	IPI00453459.1	2	3.5375	0.373	1331.567	5.84
LQETSNWLLSQQQADGSFQDLSPVIHR	IPI00453459.1	3	7.0142	0.6152	3099.36	4.54
SCGLHQLLR	IPI00453459.1	2	2.1966	0.2653	1084.248	7.99
VDFTLSSER	IPI00453459.1	2	2.9028	0.4097	1054.136	4.37
VGLSGMAIADVTLLSGFHALR	IPI00453459.1	3	5.924	0.497	2129.512	6.71
VLSLAQEQVGGSPEK	IPI00453459.1	2	5.323	0.5232	1542.716	4.53
AACAQLNDFLQEYGTQGCQV	IPI00453459.1	2	5.68	0.5575	2274.417	3.67
ALEILQEEDLIDEDDIPVR	IPI00453459.1	2	4.8593	0.4326	2226.423	3.58
CSVFYGAPSK	IPI00453459.1	2	2.7444	0.4448	1116.242	8.2
DFALLSLQVPLK	IPI00453459.1	2	2.7805	0.2753	1344.624	5.84
DFALLSLQVPLKDAK	IPI00453459.1	2	3.2668	0.3025	1658.963	5.96
ECVGFEAVQEVPVGLVQPASATLYDYYNPER	IPI00453459.1	3	5.2486	0.5011	3502.821	3.91
EELVYELNPLDHR	IPI00453459.1	2	2.8489	0.1759	1627.78	4.4
EPFLSCCQFAESLR	IPI00453459.1	2	4.3182	0.348	1744.914	4.53
GCGEQTMIYLAPTLAASR	IPI00453459.1	2	2.3839	0.2214	1940.204	5.99
GHLFLQTDQPIYNPGQR	IPI00453459.1	3	3.0686	0.3241	1985.192	6.74
GLEEELQFSLGSK	IPI00453459.1	2	5.0111	0.5621	1437.577	4.25
GLQDEDGYR	IPI00453459.1	2	3.1667	0.3736	1053.065	4.03
GPEVQLVAHSPWLK	IPI00453459.1	3	3.377	0.3402	1561.809	6.75
HLVPGAPFLLQALVR	IPI00453459.1	3	3.9478	0.3485	1631.989	9.76
KADGSYAAWLSR	IPI00453459.1	3	3.8786	0.2993	1325.455	8.59
LLATLCSAEVCQCAEGK	IPI00453459.1	2	5.6676	0.6311	1911.125	4.53
PVAFSVVPTAAAAVSLK	IPI00453459.1	2	4.0342	0.4409	1628.937	9.18
QGSFQGGFR	IPI00453459.1	2	2.1944	0.1454	984.0503	9.75
SFFPENWLWR	IPI00453459.1	2	2.3412	0.3154	1382.55	5.72
STQDTVIALDALSAYWIASHTTEER	IPI00453459.1	3	5.0167	0.494	2779.996	4.31
TLEIPGNSDPNMIPDGDFNSYVR	IPI00453459.1	2	3.1062	0.227	2552.759	3.84
TTNIQGINLLFSSR	IPI00453459.1	2	3.3538	0.5351	1564.768	9.41
TYNVLDMK	IPI00453459.1	2	2.7721	0.3758	984.1519	5.5

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VEYGFQVK	IPI00453459.1	2	2.4855	0.2242	970.1035	5.97
VHYTVCIWR	IPI00453459.1	3	3.0171	0.2825	1234.425	8.2
VQQPDCREPFLSCCQFAESLR	IPI00453459.1	3	5.0583	0.5416	2628.86	4.68
VTASDPLDTLGSEGALSPGGVASLLR	IPI00453459.1	3	7.1581	0.5018	2484.745	4.03
YVSHFETEGPHVLLYFDSVPTSR	IPI00453459.1	3	4.6699	0.5711	2681.939	5.27
AEFQDALEK	IPI00555805.1	2	2.3955	0.2464	1051.132	4.14
AEMADQAAAWLTR	IPI00555805.1	2	3.7221	0.3456	1434.603	4.37
ASAGLLGAHAAAITAYALTLTK	IPI00555805.1	2	6.3263	0.5755	2086.42	8.64
DHAVDLIQK	IPI00555805.1	2	2.4783	0.3597	1039.167	5.21
ITQVLHFTK	IPI00555805.1	2	2.4256	0.2985	1087.297	8.76
KYVLPNFEVK	IPI00555805.1	3	3.6232	0.1384	1237.472	8.5
LGQYASPTAK	IPI00555805.1	2	3.1283	0.4336	1036.163	8.59
LHLETDSLALVALGALDTALYAAGSK	IPI00555805.1	3	4.9453	0.537	2614.976	4.54
LNMGITDLQGLR	IPI00555805.1	2	3.5375	0.373	1331.567	5.84
SCGLHQLLR	IPI00555805.1	2	2.1966	0.2653	1084.248	7.99
VDFTLSSER	IPI00555805.1	2	2.9028	0.4097	1054.136	4.37
VGLSGMAIADVTLLSGFHALR	IPI00555805.1	3	5.924	0.497	2129.512	6.71
VLSLAQEQVGGSPEK	IPI00555805.1	2	5.323	0.5232	1542.716	4.53
AACAQLNDFLQEYGTQGCQV	IPI00555805.1	2	5.68	0.5575	2274.417	3.67
ALEILQEEDLIDEDDIPVR	IPI00555805.1	2	4.8593	0.4326	2226.423	3.58
CSVFYGAPSK	IPI00555805.1	2	2.7444	0.4448	1116.242	8.2
DFALLSLQVPLK	IPI00555805.1	2	2.7805	0.2753	1344.624	5.84
DFALLSLQVPLKDAK	IPI00555805.1	2	3.2668	0.3025	1658.963	5.96
DSSTWLTAFVLK	IPI00555805.1	2	2.9755	0.3333	1368.559	5.84
ECVGFEAVQEVPVGLVQPASATLYDYYNPER	IPI00555805.1	3	5.2486	0.5011	3502.821	3.91
EELVYELNPLDHR	IPI00555805.1	2	2.8489	0.1759	1627.78	4.4
EPFLSCCQFAESLR	IPI00555805.1	2	4.3182	0.348	1744.914	4.53
GCGEQTMIYLAPTLAASR	IPI00555805.1	2	2.3839	0.2214	1940.204	5.99
GHLFLQTDQPIYNPGQR	IPI00555805.1	3	3.0686	0.3241	1985.192	6.74
GLEEELQFSLGSK	IPI00555805.1	2	5.0111	0.5621	1437.577	4.25
GLQDEDGYR	IPI00555805.1	2	3.1667	0.3736	1053.065	4.03
GPEVQLVAHSPWLK	IPI00555805.1	3	3.377	0.3402	1561.809	6.75
HLVPGAPFLLQALVR	IPI00555805.1	3	3.9478	0.3485	1631.989	9.76
KADGSYAAWLSR	IPI00555805.1	3	3.8786	0.2993	1325.455	8.59
LLATLCSAEVCQCAEGK	IPI00555805.1	2	5.6676	0.6311	1911.125	4.53
PVAFSVVPTAAAAVSLK	IPI00555805.1	2	4.0342	0.4409	1628.937	9.18
QGSFQGGFR	IPI00555805.1	2	2.1944	0.1454	984.0503	9.75
SFFPENWLWR	IPI00555805.1	2	2.3412	0.3154	1382.55	5.72

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
STQDTVIALDALSAYWIASHTTEER	IPI00555805.1	3	5.0167	0.494	2779.996	4.31
TLEIPGNSDPNMIPDGDFNSYVR	IPI00555805.1	2	3.1062	0.227	2552.759	3.84
TTNIQGINLLFSSR	IPI00555805.1	2	3.3538	0.5351	1564.768	9.41
TYNVLDMK	IPI00555805.1	2	2.7721	0.3758	984.1519	5.5
VEYGFQVK	IPI00555805.1	2	2.4855	0.2242	970.1035	5.97
VHYTVCIWR	IPI00555805.1	3	3.0171	0.2825	1234.425	8.2
VQQPDCREPFLSCCQFAESLR	IPI00555805.1	3	5.0583	0.5416	2628.86	4.68
VTASDPLDTLGSEGALSPGGVASLLR	IPI00555805.1	3	7.1581	0.5018	2484.745	4.03
YVSHFETEGPHVLLYFDSVPTSR	IPI00555805.1	3	4.6699	0.5711	2681.939	5.27
CQSWSSMTPHR	IPI00019580.1	3	3.3301	0.3098	1377.505	8.26
CSGTEASVVAPPPVVLLPDVETPSEEDCMFGNGK	IPI00019580.1	3	4.2738	0.2881	3590.94	3.77
EAQLPVIENK	IPI00019580.1	2	2.4811	0.263	1141.3	4.53
EQQCVIMAENR	IPI00019580.1	2	3.3189	0.3593	1378.531	4.53
GPWCFTTDPSVR	IPI00019580.1	2	2.1613	0.2224	1423.549	5.83
KCSGTEASVVAPPPVVLLPDVETPSEEDCMFGNGK	IPI00019580.1	3	5.8677	0.4922	3719.113	4.08
KQLGAGSIEECAAK	IPI00019580.1	3	4.1668	0.3792	1462.625	6.14
LSSPAVITDK	IPI00019580.1	2	2.2731	0.2516	1031.185	5.84
LYDYCDVPQCAAPSFDCGKPQVEPK	IPI00019580.1	3	5.3199	0.4125	2946.195	4.23
NLDENYCR	IPI00019580.1	2	2.3619	0.281	1084.115	4.37
QLGAGSIEECAAK	IPI00019580.1	2	3.7584	0.4162	1334.452	4.53
RATTVTGTPCQDWAAQEPHR	IPI00019580.1	3	6.5419	0.6255	2283.44	6.74
TMSGLECQAWDSQSPHAHGYIPSK	IPI00019580.1	3	5.0978	0.5452	2688.907	5.92
TMSGLECQAWDSQSPHAHGYIPSKFPNK	IPI00019580.1	3	6.7038	0.6407	3175.474	6.61
TPENYPNAGLTMNYCR	IPI00019580.1	2	5.4262	0.5729	1902.072	5.66
VILGAHQEVNLEPHVQEIEVSR	IPI00019580.1	3	6.2014	0.5022	2497.792	4.87
VIPACLPSPNYVVADR	IPI00019580.1	2	4.3288	0.5831	1772.032	5.8
YILQGVTSWGLGCAR	IPI00019580.1	2	2.3247	0.3178	1681.91	8.22
ATTVTGTPCQDWAAQEPHR	IPI00019580.1	2	5.03	0.5655	2127.254	5.32
CTTPPPSSGPTYQCLK	IPI00019580.1	2	4.3183	0.5216	1794.971	8.05
ELRPWCFTTDPNKR	IPI00019580.1	3	4.2743	0.42	1821.023	8.32
FGMHFCGGTLISPEWVLTAAHCLEK	IPI00019580.1	3	7.4962	0.6648	2863.27	6
FSPATHPSEGLEENYCR	IPI00019580.1	2	5.0906	0.6054	1995.089	4.75
FVTWIEGVMR	IPI00019580.1	2	3.6777	0.3701	1238.484	6

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
HSIFTPETNPR	IPI00019580.1	2	3.3167	0.4804	1299.417	6.75
KLYDYCDVPQCAAPSFDCGKPQVEPK	IPI00019580.1	3	6.5624	0.5345	3074.368	4.68
NPDADKGPWCFTTDPSV	IPI00019580.1	2	4.0667	0.3462	2064.194	4.43
NPDGDVGGPWCYTTNPR	IPI00019580.1	2	6.0907	0.5096	1906.983	4.21
NPDNDPQGPWCYTTDPE	IPI00019580.1	2	4.428	0.5376	2135.183	3.84
NPDNDPQGPWCYTTDPEKR	IPI00019580.1	3	4.3099	0.5386	2291.369	4.23
TECFITGWGETQGTFGAGLLK	IPI00019580.1	2	7.0274	0.6306	2274.508	4.53
TPENFPCK	IPI00019580.1	2	2.8852	0.3212	993.0889	5.66
VQSTELCAGHLAGGTDSCQGDSGGPLVCFEK	IPI00019580.1	3	7.2526	0.6316	3239.431	4.31
VVGGCVAHPHSWPWQVSLR	IPI00019580.1	3	4.4272	0.5213	2173.458	8.24
WELCDIPR	IPI00019580.1	2	3.33	0.3245	1089.22	4.37
YDYCDILECEEECMHCSGENYDGK	IPI00019580.1	3	5.8221	0.5654	3078.153	3.89
AKPALEDLR	IPI00021841.1	2	2.7853	0.2859	1013.173	6.11
AKVQPYLDDFQK	IPI00021841.1	2	3.6933	0.4573	1452.636	6
ATEHLSTLSEK	IPI00021841.1	3	3.5852	0.4235	1216.323	5.4
DLATVYVDVLK	IPI00021841.1	2	4.0456	0.4185	1236.439	4.21
DLATVYVDVLKDSGR	IPI00021841.1	2	4.004	0.5503	1651.843	4.43
DSGRDYVSQFEGSALGK	IPI00021841.1	2	5.8821	0.507	1816.907	4.56
ETEGLRQEMSK	IPI00021841.1	2	3.2361	0.3482	1308.444	4.79
ETEGLRQEMSKDLEEVK	IPI00021841.1	3	4.0661	0.3654	2022.224	4.42
KWQEEMELYR	IPI00021841.1	3	4.0759	0.2523	1412.596	4.79
LLDNWDSVTSTFSK	IPI00021841.1	2	4.9718	0.5295	1613.75	4.21
LREQLGPVTQEFWDNLE	IPI00021841.1	3	7.2656	0.5858	2203.44	4.41
LREQLGPVTQEFWDNLEKETEGLR	IPI00021841.1	3	7.1002	0.5526	2889.169	4.42
LSPLGEEMR	IPI00021841.1	2	2.7026	0.3953	1032.197	4.53
VEPLRAELQEGAR	IPI00021841.1	2	3.4965	0.1834	1468.641	4.79
VQPYLDDFQK	IPI00021841.1	2	2.9204	0.3489	1253.385	4.21
VQPYLDDFQKK	IPI00021841.1	2	2.821	0.3207	1381.558	5.93
VSFLSALEEYTK	IPI00021841.1	2	5.3352	0.4593	1387.56	4.53
VSFLSALEEYTKK	IPI00021841.1	2	4.5625	0.5687	1515.732	6.11
WQEEMELYR	IPI00021841.1	2	3.7514	0.3913	1284.423	4.25
AELQEGAR	IPI00021841.1	2	2.4122	0.1005	873.9342	4.53
AHVDALR	IPI00021841.1	1	2.1718	0.1793	781.8831	6.79
DYVSQFEGSALGK	IPI00021841.1	2	5.1747	0.6197	1401.503	4.37
EQLGPVTQEFWDNLEK	IPI00021841.1	2	5.1488	0.5624	1934.095	4
EQLGPVTQEFWDNLEKETEGLR	IPI00021841.1	2	4.208	0.4794	2619.825	4.14
EQLGPVTQEFWDNLEKETEGLRQEMSK	IPI00021841.1	3	4.6308	0.4836	3223.517	4.31
HFWQQDEPPQSPWDR	IPI00021841.1	2	3.9825	0.4877	1954.05	4.54

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LAEYHAK	IPI00021841.1	2	2.4517	0.2425	831.9389	6.75
LEALKENGGAR	IPI00021841.1	2	3.0573	0.2335	1158.29	6.14
QEMSKDLEEVK	IPI00021841.1	2	3.7597	0.4194	1336.494	4.41
QGLLPVLESFK	IPI00021841.1	2	3.2705	0.3065	1231.466	6
QGLLPVLESFKVSFLSALEEYTK	IPI00021841.1	3	4.0962	0.4824	2600.003	4.79
THLAPYSDELR	IPI00021841.1	2	3.7404	0.5294	1302.418	5.29
VKDLATVYVDVLK	IPI00021841.1	2	4.8331	0.4408	1463.744	5.93
CCESASEDCMAK	IPI00298853.5	2	3.1222	0.266	1448.517	4.14
DVCDPGNTK	IPI00298853.5	2	2.2768	0.2925	1006.043	4.21
EDFTSLSLVLYSR	IPI00298853.5	2	4.0527	0.4249	1530.704	4.37
EFSHLGKEDFTSLSLVLY	IPI00298853.5	2	3.8887	0.5167	2329.593	5.45
ELSSFIDK	IPI00298853.5	1	2.075	0.2037	939.0445	4.37
ELSSFIDKGQELCADYSENTFTEYK	IPI00298853.5	3	7.1075	0.5544	2976.144	4.08
EVVSLTEACCAEGADPDCYDTR	IPI00298853.5	3	6.246	0.478	2519.596	3.71
EYANQFMWEYSTNYGQAPLSLLVSYTK	IPI00298853.5	3	6.5979	0.6592	3205.541	4.53
FPSGTFEQVSQLVK	IPI00298853.5	2	3.4298	0.4308	1567.767	6
GQELCADYSENTFTEYK	IPI00298853.5	2	6.0969	0.5774	2056.123	4
GQELCADYSENTFTEYK	IPI00298853.5	2	4.6271	0.5699	2184.295	4.41
HLSLLTTLSNR	IPI00298853.5	2	3.8112	0.4675	1255.449	9.76
HQPQEFPTYVEPTNDEICEAFR	IPI00298853.5	3	7.1576	0.5913	2708.87	4.25
HQPQEFPTYVEPTNDEICEAFRK	IPI00298853.5	3	5.0881	0.5201	2837.043	4.57
LAQKVPTADLEDVLPLAEDITNILSK	IPI00298853.5	3	6.2443	0.5476	2808.217	4.11
LCDNLSTK	IPI00298853.5	2	2.4536	0.308	951.0503	5.83
RSDFASNCCSINSPPLYCDSEIDAELK	IPI00298853.5	3	6.4747	0.5858	3150.334	4.11
SCESNSPFPVHPGTAECCTK	IPI00298853.5	2	6.1284	0.6024	2266.388	5.38
SLGECCDVEDSTTCFNAK	IPI00298853.5	2	6.2874	0.5953	2094.158	3.92
SYLSMVGSCCTSASPTVCFLK	IPI00298853.5	2	5.747	0.634	2356.659	7.69
TAMDVFVCTYFMPAAQLPELPDVELPTNK	IPI00298853.5	3	5.878	0.5836	3299.796	3.92
TAMDVFVCTYFMPAAQLPELPDVELPTNKDVCDPGNTK	IPI00298853.5	3	6.2392	0.6223	4286.816	3.96
VMDKYTFELSR	IPI00298853.5	3	3.906	0.4525	1389.602	6.04
VPTADLEDVLPLAEDITNILSK	IPI00298853.5	3	6.1061	0.5394	2367.678	3.77
YTFELSR	IPI00298853.5	2	2.3476	0.222	916.0127	6
KFPSGTFEQVSQLVK	IPI00298853.5	2	5.2878	0.5093	1695.94	8.59

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
RTHLPEVFLSK	IPI00298853.5	3	3.7152	0.3233	1327.557	8.76
SDFASNCCSINSPPLYCDSEIDAELK	IPI00298853.5	3	6.6347	0.569	2994.148	3.77
THLPEVFLSK	IPI00298853.5	2	2.7386	0.4107	1171.371	6.41
VCSQYAAYGEK	IPI00298853.5	2	3.3428	0.2145	1276.371	5.96
AGLQAFFQVQECNK	IPI00017601.1	2	3.6207	0.438	1640.815	6.04
ALYLQYTDETFR	IPI00017601.1	2	4.4217	0.5999	1520.668	4.37
DIASGLIGPLIICK	IPI00017601.1	2	3.5456	0.3745	1470.773	5.83
DIFTGLIGPMK	IPI00017601.1	2	3.2294	0.2966	1192.453	5.84
DLYSGLIGPLIVCR	IPI00017601.1	3	4.3862	0.4211	1576.856	5.83
ERGPEEEHLGILGPVIWAEVGDTIR	IPI00017601.1	3	6.6372	0.5666	2774.081	4.41
EVGPTNADPVCLAK	IPI00017601.1	2	3.5945	0.4544	1471.631	4.37
GAYPLSIEPIGVR	IPI00017601.1	2	3.3903	0.2429	1372.594	6
HYYIGIIETTWDYASDHGEK	IPI00017601.1	3	2.9161	0.3892	2399.556	4.72
KALYLQYTDETFR	IPI00017601.1	2	3.4033	0.4323	1648.841	6.07
KLISVDTEHSNIYLQNGPDR	IPI00017601.1	3	5.3871	0.4994	2300.514	5.38
LISVDTEHSNIYLQNGPD	IPI00017601.1	3	4.1317	0.2773	2172.341	4.54
MHSMNGFMYGNQPGLTMCK	IPI00017601.1	3	3.6091	0.336	2205.584	7.98
MYYSAVDPTK	IPI00017601.1	2	3.2718	0.4322	1175.336	5.59
NLASRPYTFHSHGITYYK	IPI00017601.1	3	3.1182	0.375	2156.388	9.53
NNEGTYYSPNYNPQSR	IPI00017601.1	2	5.0512	0.5449	1904.931	6
PVWLGFLGPIIK	IPI00017601.1	2	3.2137	0.3748	1340.68	9.18
TYCSEPEKVDKDNEDFQESNR	IPI00017601.1	3	5.0492	0.5528	2591.634	4.2
VDKDNEDFQESNR	IPI00017601.1	3	4.287	0.3185	1596.595	4.11
VNKDDEEFIESNK	IPI00017601.1	3	4.8343	0.3481	1567.636	4.18
EYTDASFTNR	IPI00017601.1	2	2.9052	0.4083	1204.228	4.37
FNKNNEGTYYSPNYNPQSR	IPI00017601.1	3	4.3109	0.3404	2294.381	8.43
GPEEEHLGILGPVIWAEVGDTIR	IPI00017601.1	3	6.2109	0.4807	2488.78	4.25
GVYSSDVFDIFPGTYQTLEMFPR	IPI00017601.1	2	3.3144	0.5087	2670.977	4.03
KAEEEHLGILGPQLHADVGDK	IPI00017601.1	3	7.2029	0.5508	2257.489	4.87
MFTTAPDQVDKEDEDFQESNK	IPI00017601.1	3	4.6886	0.6186	2475.585	3.9
QSEDSTFYLGER	IPI00017601.1	2	3.0819	0.4429	1432.474	4.14
SVPPSASHVAPTETFTYEWTVPK	IPI00017601.1	3	3.8976	0.3574	2532.789	5.38
TTIEKPVWLGFLGPIIK	IPI00017601.1	2	4.6214	0.4357	1913.335	8.26
AVLTIDEK	IPI00553177.1	2	2.8534	0.3585	889.0287	4.37
DTEEEDFHVDQVTTVK	IPI00553177.1	2	6.0072	0.529	1892.955	4.01

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
DTEEEDFHVDQVTTVKVPMMK	IPI00553177.1	3	6.0761	0.5689	2479.769	4.29
ELDRDTVFALVNYIFFK	IPI00553177.1	3	5.401	0.4602	2091.394	4.56
FLENEDR	IPI00553177.1	2	2.6124	0.1661	922.9621	4.14
FNKPFVFLMIEQNTK	IPI00553177.1	3	5.899	0.3771	1857.208	8.59
GTEAAGAMFLEAIPMSIPPEVK	IPI00553177.1	2	5.8447	0.604	2260.659	4.25
ITPNLAEFAFSLYR	IPI00553177.1	2	5.2495	0.4404	1642.879	6
KLSSWVLLMK	IPI00553177.1	3	3.695	0.1822	1205.538	10
KLYHSEAFTVNFGDTEE	IPI00553177.1	2	4.3691	0.2404	2187.351	4.83
KLYHSEAFTVNFGDTEEAKK	IPI00553177.1	3	7.0068	0.5574	2315.524	5.53
KQINDYVEK	IPI00553177.1	2	2.8941	0.1258	1137.268	6.07
LQHLENELTHDIITK	IPI00553177.1	3	5.7364	0.5121	1805.025	5.27
LSITGTYDLK	IPI00553177.1	2	3.3562	0.3501	1111.27	5.84
LSSWVLLMK	IPI00553177.1	2	3.3656	0.2678	1077.365	8.75
LYHSEAFTVNFGDTEEA	IPI00553177.1	2	5.8049	0.6235	2059.178	4.4
LYHSEAFTVNFGDTEEA	IPI00553177.1	2	5.9237	0.5915	2187.351	4.83
RLGMFNIQHCK	IPI00553177.1	3	4.2181	0.3366	1404.66	9.51
SPLFMGK	IPI00553177.1	1	2.1144	0.2065	779.9705	8.47
SVLGQLGITK	IPI00553177.1	2	3.7502	0.4715	1016.217	8.47
TDTSHHDQDHPTFNK	IPI00553177.1	3	4.3579	0.5076	1780.793	5.68
VFSNGADLSGVTEEAPLK	IPI00553177.1	2	6.5302	0.5313	1835.005	4.14
VFSNGADLSGVTEEAPLKLSK	IPI00553177.1	2	5.0716	0.5574	2163.414	4.68
WERPFEVKDTEEEDFHVDQVTTVK	IPI00553177.1	3	4.9109	0.518	2965.176	4.33
DTVFALVNYIFFK	IPI00553177.1	2	5.2597	0.4976	1577.847	5.84
LGMFNIQHCK	IPI00553177.1	2	3.1362	0.444	1248.473	8.23
SASLHLPK	IPI00553177.1	2	2.8673	0.3245	853.0012	8.49
TLNQPDSQLQLTTGNGLFLSEGLK	IPI00553177.1	3	6.9349	0.6463	2575.856	4.37
AATGECTATVGK	IPI00215894.1	2	3.3703	0.4497	1166.258	6.04
AATGECTATVGKR	IPI00215894.1	2	3.2646	0.544	1322.444	8.27
AGAEPASER	IPI00215894.1	2	2.5321	0.1256	887.9177	4.53
AVDAALK	IPI00215894.1	1	2.2188	0.226	687.808	5.88
DFVQPPTK	IPI00215894.1	2	2.4851	0.1798	932.0552	5.84
EGDCPVQSGK	IPI00215894.1	2	2.7141	0.2214	1077.121	4.37
ENFLFLTPDCK	IPI00215894.1	2	4.3176	0.4226	1384.552	4.37
ESNEELTESCETK	IPI00215894.1	2	3.7322	0.3898	1556.559	3.98
FSVATQTCQITPAEGPVVTAQYDCLGCVHPISTQSPDLEPILR	IPI00215894.1	3	5.919	0.5983	4759.264	4.31
IYPTVNCQPLGMISLMK	IPI00215894.1	2	5.4025	0.5302	1966.392	8.2
KIYPTVNCQPLGMISLMK	IPI00215894.1	2	5.732	0.5662	2094.564	9.2
KLGQSLDCNAEVYVVPWEK	IPI00215894.1	2	5.2569	0.5418	2236.503	4.68

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KYFIDFVAR	IPI00215894.1	2	3.6958	0.4538	1159.361	8.59
KYNSQNQSNNQFVLYR	IPI00215894.1	2	5.6787	0.6223	2004.152	9.7
LGQSLDCNAEVYVVPWE	IPI00215894.1	2	6.0036	0.6366	2108.33	4.14
SLWNGDTGECTDNAYIDIQLR	IPI00215894.1	2	5.9983	0.626	2442.574	3.84
TVGSDTFYSFK	IPI00215894.1	2	3.3784	0.4897	1252.354	5.5
TWQDCEYK	IPI00215894.1	2	2.3885	0.1798	1130.182	4.37
TWQDCEYKDAAK	IPI00215894.1	2	3.7228	0.3411	1515.6	4.56
YFIDFVAR	IPI00215894.1	2	3.4363	0.3945	1031.189	5.84
YNSQNQSNNQFVLYR	IPI00215894.1	2	4.673	0.4747	1875.979	8.59
DIPTNSPELEETLTHTITK	IPI00215894.1	2	4.716	0.6055	2140.334	4.4
IASFSQNCDIYPGK	IPI00215894.1	2	4.3414	0.4072	1600.748	5.83
IASFSQNCDIYPGKDFVQPPTK	IPI00215894.1	3	5.2477	0.5801	2513.78	5.95
IGEIKEETTSHLR	IPI00215894.1	3	4.5098	0.4608	1513.678	5.5
QVVAGLNFR	IPI00215894.1	2	2.5529	0.2352	1004.168	9.75
VQVVAGK	IPI00215894.1	1	2.5732	0.1906	700.8499	8.72
AATGECTATVGK	IPI00032328.1	2	3.3703	0.4497	1166.258	6.04
AATGECTATVGKR	IPI00032328.1	2	3.2646	0.544	1322.444	8.27
AVDAALK	IPI00032328.1	1	2.2188	0.226	687.808	5.88
DFVQPPTK	IPI00032328.1	2	2.4851	0.1798	932.0552	5.84
EGDCPVQSGK	IPI00032328.1	2	2.7141	0.2214	1077.121	4.37
ENFLFLTPDCK	IPI00032328.1	2	4.3176	0.4226	1384.552	4.37
ESNEELTESCETK	IPI00032328.1	2	3.7322	0.3898	1556.559	3.98
FKLDDDLEHQGGHVLDHGHK	IPI00032328.1	3	4.2747	0.5033	2298.46	5.6
FSVATQTCQITPAEGPVVTAQYDCLGCVHPISTQSPDLEPILR	IPI00032328.1	3	5.919	0.5983	4759.264	4.31
IYPTVNCQPLGMISLMK	IPI00032328.1	2	5.4025	0.5302	1966.392	8.2
KIYPTVNCQPLGMISLMK	IPI00032328.1	2	5.732	0.5662	2094.564	9.2
KLGQSLDCNAEVYVVPWEK	IPI00032328.1	2	5.2569	0.5418	2236.503	4.68
KYFIDFVAR	IPI00032328.1	2	3.6958	0.4538	1159.361	8.59
KYNSQNQSNNQFVLYR	IPI00032328.1	2	5.6787	0.6223	2004.152	9.7
LDDDLEHQGGHVLDHG	IPI00032328.1	3	4.5858	0.4203	2023.112	5.13
LGQSLDCNAEVYVVPWE	IPI00032328.1	2	6.0036	0.6366	2108.33	4.14
SLWNGDTGECTDNAYIDIQLR	IPI00032328.1	2	5.9983	0.626	2442.574	3.84
TVGSDTFYSFK	IPI00032328.1	2	3.3784	0.4897	1252.354	5.5
TWQDCEYK	IPI00032328.1	2	2.3885	0.1798	1130.182	4.37
TWQDCEYKDAAK	IPI00032328.1	2	3.7228	0.3411	1515.6	4.56
YFIDFVAR	IPI00032328.1	2	3.4363	0.3945	1031.189	5.84
YNSQNQSNNQFVLYR	IPI00032328.1	2	4.673	0.4747	1875.979	8.59
DIPTNSPELEETLTHTITK	IPI00032328.1	2	4.716	0.6055	2140.334	4.4
IASFSQNCDIYPGK	IPI00032328.1	2	4.3414	0.4072	1600.748	5.83

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
IASFSQNCDIYPGKDFVQ PPTK	IPI00032328.1	3	5.2477	0.5801	2513.78	5.95
QVVAGLNFR	IPI00032328.1	2	2.5529	0.2352	1004.168	9.75
VQVVAGK	IPI00032328.1	1	2.5732	0.1906	700.8499	8.72
AKIDQNVEELK	IPI00478761.1	2	3.7985	0.3589	1287.445	4.68
ALVQQMEQLR	IPI00478761.1	2	3.6896	0.3433	1216.436	6.05
IDQNVEELK	IPI00478761.1	2	3.2967	0.292	1088.194	4.14
IDQNVEELKGR	IPI00478761.1	2	2.7629	0.323	1301.431	4.68
IDQTVEELR	IPI00478761.1	2	3.3147	0.2668	1103.208	4.14
KLVPFATELHER	IPI00478761.1	3	4.8959	0.2613	1440.672	6.76
LGEVNTYAGDLQK	IPI00478761.1	2	4.9449	0.5368	1408.539	4.37
LGPHAGDVEGHLSFLEK	IPI00478761.1	3	6.0687	0.475	1807	5.27
LKEEIGKELEELR	IPI00478761.1	3	4.928	0.3958	1586.812	4.65
LNHQLEGLTFQMK	IPI00478761.1	2	4.6259	0.422	1559.815	6.75
LVPFATELHER	IPI00478761.1	2	2.93	0.4707	1312.499	5.4
SELTQQLNALFQDK	IPI00478761.1	2	5.9259	0.5069	1635.8	4.37
SLAELGGHLDQQVEEFR	IPI00478761.1	2	6.0036	0.5273	1929.08	4.4
SLAELGGHLDQQVEEFR	IPI00478761.1	3	5.0561	0.4922	2085.266	4.83
TLSLPELEQQQEQQQEQQ QEQVQMLAPLES	IPI00478761.1	3	4.7135	0.6067	3539.827	3.46
VKIDQTVEELR	IPI00478761.1	3	3.3072	0.1875	1330.513	4.68
VNSFFSTFK	IPI00478761.1	2	2.712	0.2481	1077.214	8.72
AEVSADQVATVMWDYF SQLSNNAK	IPI00478761.1	2	2.7776	0.393	2675.912	4.03
DKVNSFFSTFK	IPI00478761.1	2	3.6371	0.3073	1320.475	8.59
ENADSLQASLRPHADEL	IPI00478761.1	2	4.1482	0.3297	1995.14	4.75
ISASAEELR	IPI00478761.1	2	3.4319	0.3423	976.0664	4.53
LAPLAEDVR	IPI00478761.1	2	2.8062	0.1165	984.1317	4.37
LLPHANEVSQK	IPI00478761.1	2	2.6051	0.2955	1236.403	6.75
RVEPYGENFNK	IPI00478761.1	3	3.9427	0.339	1353.465	6.14
SLAPYAQDTQEK	IPI00478761.1	2	3.6642	0.4374	1351.444	4.37
TQVSTQAEQLR	IPI00478761.1	2	3.4308	0.3171	1261.367	5.66
VEPYGENFNK	IPI00478761.1	2	2.197	0.3936	1197.279	4.53
AVGDKLPECEADDGCPK	IPI00478493.1	3	3.8254	0.1484	1861.972	4.11
AVGDKLPECEADDGCPK PPEIAHGYVEHSVR	IPI00478493.1	3	6.7377	0.6508	3434.702	4.69
AVGDKLPECEAVCGK	IPI00478493.1	3	3.9536	0.3899	1633.813	4.68
AVGDKLPECEAVCGKPK	IPI00478493.1	3	5.9512	0.4683	1859.101	6.21
DIAPTLTLYVGK	IPI00478493.1	2	3.9603	0.5032	1291.518	5.84
DIAPTLTLYVGKK	IPI00478493.1	2	3.5848	0.3969	1419.691	8.5
GSFPWQAK	IPI00478493.1	2	2.7194	0.3615	921.0341	8.75
LPECEADDGCPKPPEIAH GYVEHSVR	IPI00478493.1	3	7.6126	0.6311	2964.18	4.63
LPECEAVCGK	IPI00478493.1	2	3.7005	0.4704	1163.29	4.53
LPECEAVCGKPK	IPI00478493.1	2	4.107	0.4207	1388.579	6.13
PPEIAHGYVEHSVR	IPI00478493.1	2	4.087	0.5312	1591.752	6.02
SCAVAEYGVYVK	IPI00478493.1	2	5.1992	0.5958	1346.504	5.72

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
SPVGVQPILNEHTFCAGMSK	IPI00478493.1	2	6.2211	0.6737	2173.472	6.46
VTSIQDWVQK	IPI00478493.1	2	3.5929	0.3887	1204.357	5.81
VVLHPNYSQVDIGLIK	IPI00478493.1	3	5.8464	0.4718	1796.103	6.71
YQEDTCYGDAGSAFAVHDLEEDTWYATGILSFDK	IPI00478493.1	3	7.2312	0.6555	3877.038	3.8
YVMLPVADQDQCIR	IPI00478493.1	3	5.3665	0.468	1708.954	4.21
HYEGSTVPEK	IPI00478493.1	2	2.2301	0.3215	1147.22	5.4
ILGGHLDAK	IPI00478493.1	2	2.9077	0.3483	924.0795	6.74
LRTEGDGVYTLNDK	IPI00478493.1	2	4.9441	0.4536	1581.709	4.56
TEGDGVYTLNDK	IPI00478493.1	2	4.4621	0.4731	1312.365	4.03
TEGDGVYTLNDKK	IPI00478493.1	3	3.561	0.1078	1440.538	4.56
VGYVSGWGR	IPI00478493.1	2	3.7857	0.4008	981.0896	8.72
VMPICLPSK	IPI00478493.1	1	2.0233	0.2159	1045.315	8.19
VMPICLPSKDYAEVGR	IPI00478493.1	2	4.1438	0.1061	1836.139	6.03
AEAESLYQSK	IPI00556624.1	2	3.5965	0.4455	1126.199	4.53
AQYEDIAQK	IPI00556624.1	2	2.7894	0.1729	1066.146	4.37
IEISELNR	IPI00556624.1	2	3.0856	0.2048	974.0937	4.53
LALDIEIATYR	IPI00556624.1	2	3.8592	0.3059	1278.479	4.37
LNDLEDALQQAK	IPI00556624.1	2	3.365	0.3182	1358.48	4.03
NKLNDLEDALQQAK	IPI00556624.1	2	5.0895	0.471	1600.756	4.56
NMQDMVEDYR	IPI00556624.1	2	2.9538	0.3857	1301.432	4.03
QISNLQQSISDAEQR	IPI00556624.1	2	4.9003	0.4782	1717.82	4.37
SISISVAR	IPI00556624.1	2	2.2594	0.1963	832.9683	9.47
SKAEAESLYQSK	IPI00556624.1	2	4.4406	0.4655	1341.449	5.86
SLNNQFASFIDK	IPI00556624.1	2	4.1812	0.4937	1384.519	5.55
WELLQQVDTSTR	IPI00556624.1	2	4.211	0.5373	1476.616	4.37
YEELQITAGR	IPI00556624.1	2	3.9079	0.1369	1180.293	4.53
DYQELMNTK	IPI00556624.1	2	2.6908	0.3865	1142.265	4.37
FLEQQNQVLQTK	IPI00556624.1	2	5.0661	0.158	1476.66	6
FSSCGGGGGSFGAGGGF	IPI00556624.1	2	5.1607	0.6137	1766.803	8.25
GGGGGGYGSGGSSYGSGGGSYGSGGGGGGGR	IPI00556624.1	2	5.5492	0.6181	2385.28	8.5
GSYGSGGSSYGSGGGSYGSGGGGGGHGSYGSGSSSGGYR	IPI00556624.1	3	5.7928	0.4311	3314.183	8.39
MSGECAPNVSVSVSTSHTTISGGGSR	IPI00556624.1	3	4.8412	0.4201	2566.739	6.5
SGGGFSSGSAGIINYQR	IPI00556624.1	2	4.062	0.4381	1658.754	8.46
SLDLDSIIAEVK	IPI00556624.1	2	4.7677	0.4326	1303.484	4.03
SLVNLGGSK	IPI00556624.1	2	2.6076	0.3684	875.0052	8.47
THNLEPYFESFINNLR	IPI00556624.1	3	5.1822	0.3106	1995.183	5.37
TLLEGEESR	IPI00556624.1	2	2.3405	0.2761	1034.103	4.25
TNAENEFVTIK	IPI00556624.1	2	3.1782	0.46	1266.382	4.53
CEWETPEGCEQVLTGK	IPI00021727.1	2	5.6559	0.5139	1924.042	4.09
CEWETPEGCEQVLTGKR	IPI00021727.1	3	3.9135	0.4833	2080.229	4.49
EDVYVVGTVLR	IPI00021727.1	2	4.1976	0.447	1250.426	4.37

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
EEIIYECDK	IPI00021727.1	2	2.4941	0.3178	1199.283	4
EEIIYECDKGYILVGQAK	IPI00021727.1	2	3.174	0.4697	2129.389	4.41
GYILVGQAK	IPI00021727.1	2	3.5153	0.3486	949.1289	8.59
LSCSYSHWSAPAPQCK	IPI00021727.1	2	2.9834	0.3245	1880.038	8.05
LSLEIEQLELQR	IPI00021727.1	2	4.5219	0.2939	1471.681	4.25
MALEVYK	IPI00021727.1	2	2.4308	0.2291	854.0494	5.75
SRPANHCVYFYGDEISFS CHETSR	IPI00021727.1	3	9.0537	0.5341	2921.074	5.96
TDLSFGSQIEFSCSEGFFLI GSTTSR	IPI00021727.1	2	4.3668	0.5312	2875.086	4.14
YTCLPGYVR	IPI00021727.1	2	3.1802	0.4175	1129.284	8.2
CHPGYKPTTDEPTTVICQ	IPI00021727.1	2	4.896	0.6299	2233.451	6.73
FSAICQGDGTWSPR	IPI00021727.1	2	4.8766	0.52	1582.692	5.83
FSLLGHASISCTVENETIG VWRPSPPTCEK	IPI00021727.1	3	3.2684	0.249	3374.733	5.5
GSSVIHCDADSK	IPI00021727.1	2	3.4405	0.3739	1276.329	5.21
GVGWSHPLPQCEIVK	IPI00021727.1	2	3.3072	0.3067	1707.948	6.74
KPDVSHGEMVSGFGPIY NYK	IPI00021727.1	3	6.8435	0.5722	2226.497	6.75
KPDVSHGEMVSGFGPIY NYKDTIVFK	IPI00021727.1	3	8.3425	0.6302	2930.326	6.75
LMQCLPNPEDVK	IPI00021727.1	2	4.1118	0.4526	1444.673	4.37
SHSTQTLTCNSDGEWVY NTFCIYK	IPI00021727.1	3	5.3256	0.5267	2913.088	5.3
TPSCGDICNFPPK	IPI00021727.1	2	4.0008	0.4839	1493.631	5.5
WTPYQGCEALCCPEPK	IPI00021727.1	2	4.8341	0.5655	1997.175	4.53
ALPAPIEK	IPI00472610.2	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00472610.2	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00472610.2	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPE NNYK	IPI00472610.2	2	5.3647	0.5577	2545.658	4
GLEWVANIK	IPI00472610.2	2	3.4866	0.371	1030.202	6
GPSVFPLAPSSK	IPI00472610.2	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGT AALGCLVK	IPI00472610.2	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00472610.2	2	3.1456	0.2529	1725.93	8.75
GTTVTVSSASTK	IPI00472610.2	2	2.5606	0.4756	1139.239	8.75
NQVSLTCLVK	IPI00472610.2	2	3.5262	0.3362	1162.355	8.22
NSLYLQMNSLR	IPI00472610.2	2	4.1515	0.1394	1339.546	8.75
THTCPPCPAPELLGGPSV FLFPPKPK	IPI00472610.2	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00472610.2	3	4.844	0.5117	1875.068	4.21
YYVDSVK	IPI00472610.2	1	2.0464	0.2834	873.9725	5.83
AEDTAVYYCAR	IPI00472610.2	2	2.1918	0.109	1319.396	4.37
DNAKNSLYLQMNSLR	IPI00472610.2	2	3.257	0.2502	1767.988	8.59
EPQVYTLPPSR	IPI00472610.2	2	2.6967	0.3666	1287.446	6.1
STSGGTAALGCLVK	IPI00472610.2	2	4.7377	0.4475	1322.484	7.94

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TPEVTCVVVDVSHEDPEVK	IPI00472610.2	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00472610.2	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00472610.2	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00472610.2	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00550061.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00550061.1	2	2.5715	0.2015	835.9925	5.84
GLEWVANIK	IPI00550061.1	2	3.4866	0.371	1030.202	6
GPSVFPLAPCSR	IPI00550061.1	2	3.5046	0.3555	1288.471	8.25
GQPREPQVYTLPPSR	IPI00550061.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00550061.1	2	3.5262	0.3362	1162.355	8.22
NSLYLQMNSLR	IPI00550061.1	2	4.1515	0.1394	1339.546	8.75
SCDTPPPCPR	IPI00550061.1	2	2.7078	0.441	1187.272	5.55
TPLGDTTHTCPR	IPI00550061.1	2	3.6536	0.5647	1356.461	6.4
WYVDGVEVHNAK	IPI00550061.1	2	3.6987	0.4032	1417.551	5.32
YYVDSVK	IPI00550061.1	1	2.0464	0.2834	873.9725	5.83
AEDTAVYYCAR	IPI00550061.1	2	2.1918	0.109	1319.396	4.37
CPAPELLGGPSVFLFPPKP	IPI00550061.1	3	5.7351	0.6041	2152.557	8.2
DNAKNSLYLQMNSLR	IPI00550061.1	2	3.257	0.2502	1767.988	8.59
EPQVYTLPPSR	IPI00550061.1	2	2.6967	0.3666	1287.446	6.1
GTLVTVSSASTK	IPI00550061.1	2	3.7199	0.3332	1151.293	8.75
GTLVTVSSASTKGPSVFPLAPCSR	IPI00550061.1	2	2.9873	0.131	2420.741	9.51
STSGGTAALGCLVK	IPI00550061.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVQFK	IPI00550061.1	3	5.1075	0.6289	2415.632	4.17
VVSVLTVLHQDWLNGK	IPI00550061.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550061.1	3	5.0155	0.5185	2229.563	6.72
WQQGNIFSCSVMHEALHNR	IPI00550061.1	3	3.1047	0.2909	2315.55	6.91
GQPSVLQVVNLPIVER	IPI00019568.1	2	3.8589	0.5183	1749.048	6
GQPSVLQVVNLPIVERPVCK	IPI00019568.1	2	5.5919	0.594	2233.633	8.22
HQDFNSAVQLVENFCR	IPI00019568.1	2	6.5249	0.6753	1965.109	5.32
KPVAFSDYIHPVCLPDR	IPI00019568.1	3	4.2896	0.4884	2015.294	6.74
LAACLEGNCAEGLGTNY	IPI00019568.1	2	5.5155	0.5742	1970.117	4.53
SPQELLCGASLISDR	IPI00019568.1	2	4.8473	0.5571	1646.818	4.37
YGFYTHVFR	IPI00019568.1	2	3.2303	0.4804	1190.334	8.6
DKLAACLEGNCAEGLGTNYR	IPI00019568.1	2	6.7545	0.6991	2213.378	4.68
ELLESYIDGR	IPI00019568.1	2	3.3833	0.2861	1195.304	4.14
ETAASLLQAGYK	IPI00019568.1	2	3.7659	0.4992	1252.399	6.1
GDACEGDSGGPFVMK	IPI00019568.1	2	4.6698	0.5139	1527.632	4.03

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
IVEGSDAEIGMSPWQVMLFR	IPI00019568.1	2	5.7226	0.5817	2266.626	4.14
KSPQELLCGASLISDR	IPI00019568.1	2	4.9111	0.4491	1774.991	6.06
LAVTTHGLPCLAWASAQAK	IPI00019568.1	2	5.8544	0.6761	1996.292	8.23
NPDSSTTGPWCYTTDPTV	IPI00019568.1	2	5.6319	0.5541	2156.245	4.21
QECSIPVCGQDQVTVAMTPR	IPI00019568.1	2	3.2933	0.4402	2277.529	4.37
RQECSIPVCGQDQVTVAMTPR	IPI00019568.1	3	5.7611	0.5272	2433.715	6.06
SEGSSVNLSPPLEQCVPD	IPI00019568.1	2	4.9171	0.4802	2072.213	4.14
SGIECQLWR	IPI00019568.1	2	2.7486	0.173	1149.275	5.72
TATSEYQTFFNPR	IPI00019568.1	2	3.9119	0.5013	1562.665	5.66
TFGSGEADCGLRPLFEK	IPI00019568.1	2	4.5753	0.4146	1885.061	4.68
WYQMGIVSWGEGCDR	IPI00019568.1	2	4.7494	0.5366	1845.022	4.37
AAISGENAGLVR	IPI00292530.1	2	3.8964	0.3923	1158.29	6.05
ADVQAHGEGQEFSITCLVDEEEMK	IPI00292530.1	3	6.2842	0.5818	2723.902	4
ADVQAHGEGQEFSITCLVDEEEMKK	IPI00292530.1	3	5.3892	0.5372	2852.075	4.25
GSLVQASEANLQAAQDFVR	IPI00292530.1	2	7.1973	0.5991	2005.178	4.37
ILGDMQPGDYFDLVLFG	IPI00292530.1	2	4.727	0.5886	2158.462	3.93
LDAQASFLPK	IPI00292530.1	2	3.4317	0.3276	1090.254	5.84
NVVFVIDISGSMR	IPI00292530.1	2	2.365	0.2793	1437.69	5.84
PLLVDVDLQYPQDAVLALTQNHHK	IPI00292530.1	3	3.6818	0.4978	2729.084	5.14
QYYEGSEIVVAGR	IPI00292530.1	2	4.3347	0.5509	1471.597	4.53
TAFISDFAVTADGNAFIGDIK	IPI00292530.1	2	5.651	0.6251	2174.395	3.93
VTFQLTYEEVLK	IPI00292530.1	2	3.5679	0.3295	1470.692	4.53
EVAFDLEIPK	IPI00292530.1	2	2.8454	0.3031	1161.329	4.14
FAHYVVTSQVVNTANEA	IPI00292530.1	2	7.1838	0.5845	2007.196	6.75
GFSLDEATNLNGGLLR	IPI00292530.1	2	4.961	0.453	1677.84	4.37
GIEILNQVQESLPELSNHASILIMLTDGDPTEGVTDR	IPI00292530.1	3	5.6436	0.5012	4007.431	3.95
GMADQDGLKPTIDKPSEDSPPLEMLGPR	IPI00292530.1	3	5.13	0.5477	2996.363	4.23
IYEDHDATQQLQGFYSQVAK	IPI00292530.1	2	5.2131	0.5661	2342.506	4.54
KAAISGENAGLVR	IPI00292530.1	3	3.3807	0.1576	1286.463	8.75
LWAYLTIQELLAK	IPI00292530.1	2	4.5778	0.5147	1562.877	6
NHMQYEIVIK	IPI00292530.1	2	3.6313	0.3247	1275.502	6.75
QAVDTAVDGVFIR	IPI00292530.1	2	4.0106	0.4665	1391.555	4.21
TMEQFTIHLTVNPQSK	IPI00292530.1	3	3.0412	0.3289	1875.139	6.41
AESPEVCFNEESPK	IPI00019943.1	2	4.7554	0.5141	1623.693	4.09
CQAYESNR	IPI00019943.1	2	2.2584	0.288	1028.052	5.99

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ELISLVEDVSSNYDGCCE GDVVQCIR	IPI00019943.1	3	4.0822	0.3824	3018.214	3.71
FTDSENVCQER	IPI00019943.1	2	3.8562	0.3525	1385.412	4.14
HELTDEELQSLFTNFANV VDK	IPI00019943.1	3	5.0533	0.5314	2450.643	4.17
HFQNLGK	IPI00019943.1	2	2.6507	0.1321	843.9529	8.76
IAPQLSTEELVSLGEK	IPI00019943.1	2	5.2846	0.5539	1714.939	4.25
ICAMEGLPQK	IPI00019943.1	2	3.2783	0.4088	1147.364	5.99
KSDVGFLPPFPTLDPEEK	IPI00019943.1	2	3.5132	0.3834	2017.267	4.32
LKHELTDEELQSLFTNFA NVVDK	IPI00019943.1	3	5.3927	0.4648	2691.974	4.5
LPNNVLQEK	IPI00019943.1	2	3.2316	0.3126	1055.21	6
SCCEEQNKVNCLQTR	IPI00019943.1	2	5.3384	0.5584	1927.044	5.86
SDVGFLPPFPTLDPEEK	IPI00019943.1	2	3.8616	0.3264	1889.094	3.92
DADPDTFFAK	IPI00019943.1	2	2.2517	0.1944	1127.185	3.93
ESLLNHFLYEVAR	IPI00019943.1	2	4.5216	0.4616	1591.792	5.4
FLVNLVK	IPI00019943.1	2	2.7375	0.1157	833.0531	8.75
GQCIINSNK	IPI00019943.1	2	2.3786	0.192	1034.143	8.22
GQCIINSNKDDRPK	IPI00019943.1	2	4.2831	0.4145	1645.793	8.2
NPFVFAPTLLTVAVHFEE VAK	IPI00019943.1	3	3.9033	0.3093	2330.709	5.4
RHPDLSIPELLR	IPI00019943.1	2	3.8007	0.4989	1446.68	6.75
RNPFVFAPTLLTVAVHFE EVAK	IPI00019943.1	3	6.4628	0.545	2486.896	6.76
TINPAVDHCCK	IPI00019943.1	2	3.0159	0.3636	1315.445	6.4
DAEAWFNEK	IPI00295684.1	2	2.6273	0.2786	1110.158	4.14
ELTTEIDNNIEQISSYK	IPI00295684.1	2	5.6273	0.5231	1998.134	4
GSLGGGFSSGGFSGGSFS	IPI00295684.1	2	5.2191	0.6268	1708.77	9.75
IRLENEIQTYR	IPI00295684.1	2	3.0946	0.3549	1435.611	6.14
QSLEASLAETEGR	IPI00295684.1	2	3.89	0.5135	1391.467	4.25
SKELTTEIDNNIEQISSYK	IPI00295684.1	2	5.6121	0.6595	2213.385	4.41
TIDDLKNQILNLTTDNAN ILLQIDNAR	IPI00295684.1	3	3.6917	0.3334	3054.402	4.14
VTMQNLNDR	IPI00295684.1	2	3.0496	0.3349	1091.224	5.81
YENEVALR	IPI00295684.1	2	2.781	0.3165	994.0834	4.53
AETECQNTEYQQLLDIK	IPI00295684.1	2	5.9314	0.4936	2084.221	4
ALEESNYELEGK	IPI00295684.1	2	4.357	0.492	1382.455	4.09
GSSGGGCFGGSSGGYGG LGGFGGGSFR	IPI00295684.1	2	5.6461	0.6594	2344.392	8.22
LAADDFR	IPI00295684.1	2	2.3435	0.3009	807.8742	4.21
LENEIQTYR	IPI00295684.1	2	3.5658	0.121	1166.266	4.53
LKYENEVALR	IPI00295684.1	3	3.3969	0.1949	1235.415	6.14
NVQALEIELQSQLALK	IPI00295684.1	3	3.713	0.2768	1798.074	4.53
NVSTGDVNVEMNAAPG VDLTQLLNNMR	IPI00295684.1	3	5.2987	0.5679	2874.201	4.03
SGGGGGGGGCGGGGGV SSLR	IPI00295684.1	2	5.2231	0.4903	1550.567	7.96

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
SLLEGEGSSGGGGR	IPI00295684.1	2	3.9524	0.3743	1263.297	4.53
SQYEQLAEQNR	IPI00295684.1	2	4.1732	0.367	1366.419	4.53
SQYEQLAEQNRK	IPI00295684.1	2	3.3154	0.3337	1494.592	5.86
VLDELTLTK	IPI00295684.1	2	3.1119	0.4031	1032.213	4.37
ALPAPIEK	IPI00549769.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00549769.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00549769.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00549769.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00549769.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00549769.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00549769.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00549769.1	2	3.5262	0.3362	1162.355	8.22
NSLYLQMNSLR	IPI00549769.1	2	4.1515	0.1394	1339.546	8.75
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00549769.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00549769.1	3	4.844	0.5117	1875.068	4.21
AEDTAVYYCAR	IPI00549769.1	2	2.1918	0.109	1319.396	4.37
DNAKNSLYLQMNSLR	IPI00549769.1	2	3.257	0.2502	1767.988	8.59
EPQVYTLPPSR	IPI00549769.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00549769.1	2	3.925	0.4166	1874.084	4.68
GTLVTVSSASTK	IPI00549769.1	2	3.7199	0.3332	1151.293	8.75
STSGGTAALGCLVK	IPI00549769.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00549769.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00549769.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00549769.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00549769.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00448925.3	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00448925.3	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00448925.3	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00448925.3	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00448925.3	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00448925.3	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00448925.3	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00448925.3	2	3.5262	0.3362	1162.355	8.22
NTLSLQMNSLR	IPI00448925.3	2	3.0681	0.3128	1277.477	9.75
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00448925.3	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00448925.3	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00448925.3	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00448925.3	2	3.925	0.4166	1874.084	4.68

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
GTLVTVSSASTK	IPI00448925.3	2	3.7199	0.3332	1151.293	8.75
LSCAASGFR	IPI00448925.3	2	2.1799	0.2478	969.0706	8.25
STSGGTAALGCLVK	IPI00448925.3	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00448925.3	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00448925.3	3	4.3497	0.4609	3800.133	4.43
VEDTAVYYCAK	IPI00448925.3	2	3.2288	0.3915	1319.435	4.37
VVSVLTVLHQDWLNGK	IPI00448925.3	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00448925.3	3	5.0155	0.5185	2229.563	6.72
ADLSGITGAR	IPI00550991.1	2	3.8759	0.3523	961.055	5.88
AKWEMPFDPQDTHQSR	IPI00550991.1	3	4.5042	0.5364	1974.146	5.38
AVLDVFEEGTEASAATAVK	IPI00550991.1	2	6.5262	0.6047	1909.084	4
DLDSQTMMVLVNYIFFK	IPI00550991.1	2	5.4386	0.5871	2065.442	4.21
EQLSLLDR	IPI00550991.1	2	2.392	0.1731	974.0937	4.37
ITLLSALVETR	IPI00550991.1	2	4.6644	0.5393	1216.453	6
KLINDYVK	IPI00550991.1	2	2.8247	0.2124	993.1817	8.5
LINDYVK	IPI00550991.1	2	2.4099	0.1088	865.0088	5.84
MEEVEAMLLPETLK	IPI00550991.1	2	4.7934	0.3615	1633.953	4.09
MEEVEAMLLPETLKR	IPI00550991.1	2	4.6021	0.4127	1790.139	4.49
RLYGSEAFATDFQDSAAAK	IPI00550991.1	2	5.8133	0.5793	2049.186	4.56
RLYGSEAFATDFQDSAAAKK	IPI00550991.1	3	5.5579	0.5512	2177.359	6.12
WEMPFDPQDTHQSR	IPI00550991.1	2	3.6378	0.4514	1774.895	4.54
DEELSCTVVELK	IPI00550991.1	2	4.6441	0.3407	1422.554	4
DYNLNDILLQLGIEEAFT	IPI00550991.1	2	7.2519	0.6715	2297.547	3.92
EIGELYLPK	IPI00550991.1	2	2.4759	0.2852	1062.241	4.53
FNRPFLMIIVPTDTQNIFFMSK	IPI00550991.1	3	4.2441	0.4232	2661.181	8.75
GTHVDLGLASANVDFAFSLYK	IPI00550991.1	2	4.2167	0.5513	2226.473	5.21
LYGSEAFATDFQDSAAA	IPI00550991.1	2	6.1156	0.6018	1893	4.03
LYGSEAFATDFQDSAAAKK	IPI00550991.1	3	3.162	0.4679	2021.173	4.56
NLAVSQVVHK	IPI00550991.1	2	3.1315	0.2374	1095.277	8.76
CLVNLIEK	IPI00019591.1	2	2.5324	0.1239	989.1848	5.99
DISEVVTPR	IPI00019591.1	2	2.373	0.1836	1016.131	4.37
EAGIPEFYDYDVALIK	IPI00019591.1	2	3.7221	0.4399	1844.053	3.92
EKLQDEDLGFL	IPI00019591.1	2	3.0791	0.4321	1307.431	3.92
GHESCMGAVVSEYFVLTAAHCFTVDDK	IPI00019591.1	3	4.5585	0.4688	3032.318	4.72
KEAGIPEFYDYDVALIK	IPI00019591.1	2	3.3706	0.3491	1972.226	4.32
VKDISEVVTPR	IPI00019591.1	2	3.5732	0.3741	1243.435	6.04
VSEADSSNADWVTK	IPI00019591.1	2	4.7858	0.5082	1509.557	4.03

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
YGQTIRPICLPCTEGTTR	IPI00019591.1	3	4.1741	0.4471	2124.371	8.06
AIHCPRPHDFENGEYWPR	IPI00019591.1	3	3.3411	0.2945	2282.455	6.01
DAQYAPGYDK	IPI00019591.1	2	2.9677	0.2742	1128.173	4.21
DFHINLFQVLPWLK	IPI00019591.1	3	4.6005	0.3372	1771.097	6.74
DLEIEVVLFHPNYNINGK	IPI00019591.1	2	2.7354	0.2676	2115.374	4.65
EDYLDVYVFGVGPLVNQVNINALASK	IPI00019591.1	2	2.7609	0.3777	2839.192	4.03
FIQVGVISWGVVDVCK	IPI00019591.1	2	5.0112	0.6239	1807.119	5.83
FLCTGGVSPYADPNTCR	IPI00019591.1	2	4.9438	0.5259	1916.068	5.82
LEDSVTYHCSR	IPI00019591.1	2	3.195	0.4693	1367.44	5.32
LLQEGQALEYVCPSGFYPYPVQTR	IPI00019591.1	3	6.2582	0.5701	2817.138	4.53
PQGSCSLEGVEIK	IPI00019591.1	2	2.2087	0.2362	1404.542	4.53
STGSWSTLK	IPI00019591.1	2	2.1759	0.2968	967.058	8.47
YGLVTYATYPK	IPI00019591.1	2	4.0028	0.5835	1276.462	8.43
EVGTPHGIILDSVDAAFICPGSSR	IPI00022488.1	2	6.4661	0.6091	2499.755	4.54
GGYTLVSGYPK	IPI00022488.1	2	3.5248	0.3125	1142.286	8.5
LLQDEFPGIPSPLDAAVECHR	IPI00022488.1	2	5.7744	0.5738	2365.621	4.31
LYLVQGTQVYVFLTK	IPI00022488.1	2	6.3459	0.5917	1773.108	8.5
NFPSPVDAAFR	IPI00022488.1	2	2.5435	0.234	1221.347	5.84
SGAQATWTELPWPHEK	IPI00022488.1	2	5.4091	0.5828	1839	5.38
SLGPNSCSANGPGLYLIHGPNLYCYSDVEK	IPI00022488.1	3	7.0191	0.5652	3284.565	5.3
VDGALCMEK	IPI00022488.1	2	3.2449	0.4314	1023.18	4.37
VWVYPPEK	IPI00022488.1	2	2.151	0.128	1018.19	5.97
CSPHLVLSALTSDNHGATYAFSGTHYWR	IPI00022488.1	3	6.4408	0.6068	3150.402	7.01
DGWHSWPIAHQWPQGPSAVDAAFSWEEK	IPI00022488.1	3	6.3762	0.6103	3221.444	4.72
DYFMPCPGR	IPI00022488.1	2	3.1388	0.4072	1143.291	5.83
EWFWDLATGTMK	IPI00022488.1	2	4.2519	0.6338	1485.688	4.37
GECQAEGVLFFQGDR	IPI00022488.1	2	5.3617	0.535	1713.823	4.14
GECQAEGVLFFQGDREWFWDLATGTMK	IPI00022488.1	3	6.952	0.6291	3180.489	4.18
LEKEVGTPHGIILDSVDAAFICPGSSR	IPI00022488.1	3	3.5067	0.2068	2870.201	4.75
RLWWLDLK	IPI00022488.1	2	2.8063	0.1182	1130.366	8.75
SWPAVGNCSSALR	IPI00022488.1	2	2.7455	0.3257	1405.535	7.96
WKNFPSPVDAAFR	IPI00022488.1	3	4.4343	0.464	1535.73	8.75
YYCFQGNQFLR	IPI00022488.1	2	3.8981	0.462	1496.644	8.2
ALPAPIEK	IPI00426007.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00426007.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00426007.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00426007.1	2	5.3647	0.5577	2545.658	4

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
GPSVFPLAPSSK	IPI00426007.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00426007.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00426007.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00426007.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00426007.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00426007.1	3	4.844	0.5117	1875.068	4.21
ADDTAVYYCAR	IPI00426007.1	2	3.8255	0.4168	1305.369	4.21
EPQVYTLPPSR	IPI00426007.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00426007.1	2	3.925	0.4166	1874.084	4.68
LSCAASGFTFR	IPI00426007.1	2	3.4922	0.4175	1217.35	8.25
STSGGTAALGCLVK	IPI00426007.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00426007.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00426007.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00426007.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00426007.1	3	5.0155	0.5185	2229.563	6.72
WQQGNVFSCSVMHEGLHNHYTQK	IPI00426007.1	3	3.3538	0.3722	2789.032	7.01
ADGESCSASMMYQEGK	IPI00032179.2	2	5.1598	0.5735	1751.868	4.14
AFLEVNEEGSEAAASTAVVIAGR	IPI00032179.2	2	7.7452	0.6128	2292.488	4.09
EQLQDMGLVDLFSPEK	IPI00032179.2	2	5.0832	0.4851	1850.083	3.92
FDTISEK	IPI00032179.2	2	2.3326	0.1872	839.913	4.37
GDDITMVLILPKPEK	IPI00032179.2	2	4.0176	0.3582	1670.008	4.56
LPGIVAEGR	IPI00032179.2	2	2.6637	0.3361	912.0687	6
LQPLDFKENAEQSR	IPI00032179.2	2	3.4545	0.5181	1675.824	4.68
NDNDNIFLSPLSISTAFAMTK	IPI00032179.2	2	6.6476	0.5781	2300.574	4.21
SKLPGIVAEGR	IPI00032179.2	2	3.035	0.3872	1127.319	8.46
TSDQIHFFFAK	IPI00032179.2	2	3.6096	0.4511	1341.496	6.41
DDLYVSDAFHK	IPI00032179.2	2	3.5555	0.4859	1310.394	4.41
DIPMNPMCIYR	IPI00032179.2	2	3.9327	0.4946	1410.681	5.83
EVPLNTIIFMGR	IPI00032179.2	2	3.6066	0.4733	1390.676	6.1
FATTFYQHLADSK	IPI00032179.2	2	4.2969	0.3896	1529.678	6.74
FRIEDGFSLK	IPI00032179.2	3	4.2208	0.2984	1212.38	6.07
IEDGFSLK	IPI00032179.2	2	2.6155	0.246	909.0184	4.37
ITDVIPSEAINELTVLVLVNTIYFK	IPI00032179.2	3	4.3856	0.5149	2806.286	4.14
RVAEGTQVLELPFK	IPI00032179.2	3	4.155	0.3446	1587.845	6.14
VAEGTQVLELPFK	IPI00032179.2	2	3.9081	0.3607	1431.659	4.53
VAEGTQVLELPFKGDDITMVLILPKPEK	IPI00032179.2	3	6.115	0.535	3082.644	4.51

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ATFGCHDGYSLDGPEEIECTK	IPI00298828.1	3	6.1083	0.5739	2387.486	4.17
ATVVYQGER	IPI00298828.1	2	3.2256	0.3711	1023.125	6.05
CFKEHSSLAFWK	IPI00298828.1	3	3.4479	0.3177	1540.74	8.21
CPFPSRPDNGFVNYPAKPTLYYK	IPI00298828.1	3	7.0725	0.5266	2733.066	9.05
CSYTEDAQCIDGTIEVPK	IPI00298828.1	2	6.4213	0.5466	2087.215	3.92
CTEEGKWSPELPVCAPIICPPPSIPTFATLR	IPI00298828.1	3	4.9619	0.5678	3526.016	4.79
DKATFGCHDGYSLDGPEEIECTK	IPI00298828.1	3	5.386	0.5781	2630.746	4.29
EHSSLAFWK	IPI00298828.1	2	2.2239	0.1716	1105.228	6.85
FICPLTGLWPINTLK	IPI00298828.1	2	4.9277	0.5395	1774.132	8.22
KATVVYQGER	IPI00298828.1	2	4.2016	0.3206	1151.298	8.59
KCSYTEDAQCIDGTIEVP	IPI00298828.1	2	5.3141	0.4494	2215.388	4.32
NGMLHGDK	IPI00298828.1	2	2.2732	0.208	871.9849	6.74
PDDLPFSTVVPLK	IPI00298828.1	2	2.8	0.3792	1428.655	4.21
TDASDVKPC	IPI00298828.1	2	3.1592	0.3895	993.0441	4.21
TFYEPGEEITYSCK	IPI00298828.1	2	3.8294	0.4914	1724.839	4.25
TFYEPGEEITYSCKPGYV	IPI00298828.1	2	5.4648	0.5976	2384.576	4.78
WSPELPVCAPIICPPPSIPTFATLR	IPI00298828.1	3	4.9721	0.5455	2821.293	5.99
KFICPLTGLWPINTLK	IPI00298828.1	2	5.1101	0.4843	1902.305	9.31
TCPKPDDLPFSTVVPLK	IPI00298828.1	3	4.8781	0.446	1915.213	5.62
VCPFAGILENGAVR	IPI00298828.1	2	4.9018	0.4363	1503.722	5.97
ALPAPIEK	IPI00423445.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00423445.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00423445.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00423445.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00423445.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00423445.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00423445.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00423445.1	2	3.5262	0.3362	1162.355	8.22
NSLYLQMNSLR	IPI00423445.1	2	4.1515	0.1394	1339.546	8.75
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00423445.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00423445.1	3	4.844	0.5117	1875.068	4.21
AEDTALYYCAK	IPI00423445.1	2	3.8964	0.502	1305.409	4.37
EPQVYTLPPSR	IPI00423445.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00423445.1	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00423445.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00423445.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00423445.1	3	4.3497	0.4609	3800.133	4.43

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VVSVLTVLHQDWLNGK	IPI00423445.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00423445.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00550647.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00550647.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00550647.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00550647.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00550647.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00550647.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00550647.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00550647.1	2	3.5262	0.3362	1162.355	8.22
NTLYLQMNSLR	IPI00550647.1	2	4.5199	0.1078	1353.573	8.75
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00550647.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00550647.1	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00550647.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00550647.1	2	3.925	0.4166	1874.084	4.68
LSCAASGFTFSR	IPI00550647.1	2	3.0477	0.416	1304.427	8.25
STSGGTAALGCLVK	IPI00550647.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00550647.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00550647.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00550647.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550647.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00472762.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00472762.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00472762.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00472762.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00472762.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00472762.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00472762.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00472762.1	2	3.5262	0.3362	1162.355	8.22
NTLYLQMNSLR	IPI00472762.1	2	4.5199	0.1078	1353.573	8.75
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00472762.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00472762.1	3	4.844	0.5117	1875.068	4.21
AEDTAVYYCAR	IPI00472762.1	2	2.1918	0.109	1319.396	4.37
EPQVYTLPPSR	IPI00472762.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00472762.1	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00472762.1	2	4.7377	0.4475	1322.484	7.94

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TPEVTCVVVDVSHEDPEVK	IPI00472762.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00472762.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00472762.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00472762.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00439447.3	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00439447.3	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00439447.3	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00439447.3	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00439447.3	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00439447.3	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00439447.3	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00439447.3	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00439447.3	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00439447.3	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00439447.3	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00439447.3	2	3.925	0.4166	1874.084	4.68
NTLYLQMSDLR	IPI00439447.3	2	3.0033	0.1403	1354.558	5.84
STSGGTAALGCLVK	IPI00439447.3	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00439447.3	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00439447.3	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00439447.3	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00439447.3	3	5.0155	0.5185	2229.563	6.72
WQQGNVFSCSVMHEGLHNHYTQK	IPI00439447.3	3	3.3538	0.3722	2789.032	7.01
ALPAPIEK	IPI00550367.2	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00550367.2	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00550367.2	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00550367.2	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00550367.2	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00550367.2	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00550367.2	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00550367.2	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00550367.2	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00550367.2	3	4.844	0.5117	1875.068	4.21
AEDTAVYYCAR	IPI00550367.2	2	2.1918	0.109	1319.396	4.37

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
EPQVYTLPPSR	IPI00550367.2	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00550367.2	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00550367.2	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00550367.2	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00550367.2	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00550367.2	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550367.2	3	5.0155	0.5185	2229.563	6.72
WQQGNVFSCSVMHEGLHNHYTQK	IPI00550367.2	3	3.3538	0.3722	2789.032	7.01
ALTDMPQMR	IPI00021885.1	2	2.4694	0.2142	1063.277	5.88
DSHSLTTNIMEILR	IPI00021885.1	2	3.0444	0.3647	1630.849	5.32
ESSSHHPGIAEFPSR	IPI00021885.1	3	3.6734	0.4995	1638.723	6.01
EVVTSEDGSDCPEAMDLGTLSGIGTLDGFR	IPI00021885.1	3	6.1056	0.6558	3130.335	3.62
GLIDEVNQDFTNR	IPI00021885.1	2	3.7022	0.4688	1521.614	4.03
MADEAGSEADHEGTHST	IPI00021885.1	3	4.164	0.4623	1873.894	4.49
MKPVPDLVPGNFK	IPI00021885.1	3	3.132	0.2213	1442.751	8.35
QFTSSTSYNR	IPI00021885.1	2	2.4463	0.3625	1191.232	8.75
QFTSSTSYNRGDSTFESK	IPI00021885.1	3	3.0455	0.4075	2043.094	6.07
TFPGFFSPMLGEFVSETES	IPI00021885.1	2	5.248	0.609	2266.514	4.25
TVIGPDGHKEVTK	IPI00021885.1	2	3.3032	0.4147	1381.56	6.42
VTSGSTTTTR	IPI00021885.1	2	2.3245	0.4771	1011.069	9.72
GGSTSYGTGSETESPR	IPI00021885.1	2	4.2247	0.569	1573.558	4.53
GSESGIFTNTK	IPI00021885.1	2	3.9898	0.3968	1141.213	6
HPDEAAFFDTASTGK	IPI00021885.1	3	4.5108	0.4334	1594.663	4.54
HRHPDEAAFFDTASTGK	IPI00021885.1	2	5.3564	0.6019	1887.99	6
NPSSAGSWNSGSSGPGSTGNR	IPI00021885.1	2	5.9081	0.6704	1964.945	9.75
PGSTGTWNPGSSER	IPI00021885.1	2	4.2938	0.566	1433.465	6.43
PNNPDWGTFEEVSGNVSPGTR	IPI00021885.1	2	6.1354	0.7327	2261.35	4.14
AGELEVFNGYFVHFFAPDNLDPIPK	IPI00305461.2	2	2.2963	0.3667	2838.164	4.31
FYNQVSTPLLR	IPI00305461.2	2	3.3424	0.3849	1338.537	8.75
HLEVDVWVIEPQGLR	IPI00305461.2	2	2.5944	0.2682	1791.043	4.65
IQPSGGTNINEALLR	IPI00305461.2	2	3.3965	0.4864	1583.772	6
LWAYLTINQLLAER	IPI00305461.2	2	2.8921	0.3361	1704.994	6
TILDDLR	IPI00305461.2	2	2.2923	0.2554	845.9639	4.21
VQFELHYQEVK	IPI00305461.2	2	3.5543	0.2549	1420.594	5.4
VVNNSPQPQNVVFDVQIPK	IPI00305461.2	2	5.738	0.5259	2123.398	5.81
AEDHFSVIDFNQNIR	IPI00305461.2	3	4.8	0.3995	1805.929	4.54
ETAVDGELVVLYDVK	IPI00305461.2	2	4.8275	0.5165	1650.852	3.92

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
FLHVPDTFEGHFDGVPVISK	IPI00305461.2	3	3.4322	0.3817	2242.517	5.21
IYGNQDTSSQLK	IPI00305461.2	2	3.5081	0.4561	1354.448	5.84
IYGNQDTSSQLKK	IPI00305461.2	2	3.936	0.4131	1482.621	8.5
KLWAYLTINQLLAER	IPI00305461.2	2	5.4322	0.5568	1833.167	8.59
MATTMIQSK	IPI00305461.2	2	2.3324	0.2278	1011.242	8.5
MLADAPPQDPSCCSGALYYGSK	IPI00305461.2	2	4.9531	0.5664	2389.611	4.21
SILQMSLDHHIVTPLTSLVIENEAGDER	IPI00305461.2	3	6.613	0.5755	3119.496	4.49
SSALDMENFR	IPI00305461.2	2	3.251	0.2884	1170.278	4.37
TEVNVLPGAK	IPI00305461.2	2	2.7162	0.3401	1028.185	5.66
ALPAPIEK	IPI00550438.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00550438.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00550438.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00550438.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00550438.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00550438.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00550438.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00550438.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00550438.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00550438.1	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00550438.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00550438.1	2	3.925	0.4166	1874.084	4.68
SEDTAVYYCAR	IPI00550438.1	2	4.2863	0.2524	1335.395	4.37
STSGGTAALGCLVK	IPI00550438.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00550438.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00550438.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00550438.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550438.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00550945.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00550945.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00550945.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00550945.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00550945.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00550945.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00550945.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00550945.1	2	3.5262	0.3362	1162.355	8.22

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00550945.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00550945.1	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00550945.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00550945.1	2	3.925	0.4166	1874.084	4.68
SNDTAIYYCAR	IPI00550945.1	2	3.3149	0.2393	1334.41	5.55
STSGGTAALGCLVK	IPI00550945.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00550945.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00550945.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00550945.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550945.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00385332.3	1	2.0599	0.1002	839.0145	6.05
DSLYLQMNSLR	IPI00385332.3	2	3.2797	0.1482	1340.531	5.84
DTLMISR	IPI00385332.3	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00385332.3	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00385332.3	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00385332.3	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00385332.3	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00385332.3	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00385332.3	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00385332.3	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00385332.3	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00385332.3	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00385332.3	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00385332.3	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00385332.3	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00385332.3	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00385332.3	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00385332.3	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00550142.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00550142.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00550142.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00550142.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00550142.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00550142.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00550142.1	2	3.1456	0.2529	1725.93	8.75

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NQVSLTCLVK	IPI00550142.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00550142.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00550142.1	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00550142.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00550142.1	2	3.925	0.4166	1874.084	4.68
GLEWLGR	IPI00550142.1	2	2.2393	0.1709	830.9541	6
STSGGTAALGCLVK	IPI00550142.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00550142.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00550142.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00550142.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550142.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00430840.3	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00430840.3	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00430840.3	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00430840.3	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00430840.3	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00430840.3	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00430840.3	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00430840.3	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00430840.3	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00430840.3	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00430840.3	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00430840.3	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00430840.3	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00430840.3	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00430840.3	3	4.3497	0.4609	3800.133	4.43
VTISLDTSK	IPI00430840.3	2	2.2743	0.1268	964.0955	5.81
VVSVLTVLHQDWLNGK	IPI00430840.3	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00430840.3	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00549654.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00549654.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00549654.1	2	6.0646	0.5194	1678.828	5.32
FWGQGTLVTVSSASTK	IPI00549654.1	2	3.0579	0.4866	1669.86	8.75
GFYPSDIAVEWESNGQPENNYK	IPI00549654.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00549654.1	2	3.3056	0.4022	1187.37	8.75

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00549654.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00549654.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00549654.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00549654.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00549654.1	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00549654.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00549654.1	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00549654.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00549654.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00549654.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00549654.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00549654.1	3	5.0155	0.5185	2229.563	6.72
ALPAPIEK	IPI00423464.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00423464.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00423464.1	2	6.0646	0.5194	1678.828	5.32
GPSVFPLAPSSK	IPI00423464.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00423464.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00423464.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00423464.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00423464.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00423464.1	3	4.844	0.5117	1875.068	4.21
VTVSSASTK	IPI00423464.1	2	2.631	0.3373	879.9786	8.72
EPQVYTLPPSR	IPI00423464.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00423464.1	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00423464.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00423464.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00423464.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00423464.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00423464.1	3	5.0155	0.5185	2229.563	6.72
WQQGNVFSCSVMHEGLHNHYTQK	IPI00423464.1	3	3.3538	0.3722	2789.032	7.01
DVLVR	IPI00166866.3	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00166866.3	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00166866.3	3	6.711	0.6136	2338.662	6.74
NSLYLQMNSLR	IPI00166866.3	2	4.1515	0.1394	1339.546	8.75

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
SAVQGPPDR	IPI00166866.3	2	2.8134	0.2248	926.9971	5.55
SAVQGPPDRDLCGCYSVSSVLPGCAEPWNHGK	IPI00166866.3	3	7.5465	0.575	3502.773	5.36
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00166866.3	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00166866.3	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00166866.3	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00166866.3	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00166866.3	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00166866.3	2	5.0794	0.6002	2594.799	5.32
DNAKNSLYLQMNSLR	IPI00166866.3	2	3.257	0.2502	1767.988	8.59
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00166866.3	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00166866.3	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00166866.3	2	2.1833	0.2872	818.897	4.37
VEDTALYYCAR	IPI00166866.3	2	2.9374	0.3958	1361.476	4.37
WLQGSQELPR	IPI00166866.3	2	3.3952	0.351	1214.356	6
DVMQGTDEHVVCK	IPI00479169.1	2	3.9254	0.4764	1518.669	4.54
ESDWLSQSMFTCR	IPI00479169.1	2	3.6066	0.4462	1647.785	4.37
GLEWVANIK	IPI00479169.1	2	3.4866	0.371	1030.202	6
GVALHRPDVYLLPPAR	IPI00479169.1	3	5.1931	0.4326	1775.09	8.75
LICQATGFSPR	IPI00479169.1	2	3.5329	0.3444	1250.423	8.25
NSLYLQMNSLR	IPI00479169.1	2	4.1515	0.1394	1339.546	8.75
NVPLPVIAELPPK	IPI00479169.1	2	2.2844	0.3167	1387.692	6
QVGSGVTTDQVQAEAK	IPI00479169.1	2	4.9029	0.5595	1618.728	4.37
VSVFVPPR	IPI00479169.1	2	2.6626	0.429	901.0875	9.72
YAATSQVLLPSK	IPI00479169.1	2	3.6707	0.1458	1278.479	8.59
YAATSQVLLPSKDVMQGTDEHVVCK	IPI00479169.1	3	6.9258	0.6052	2778.125	5.38
YVTSAPMPEPQAPGR	IPI00479169.1	2	4.0016	0.5048	1601.809	6
YYVDSVK	IPI00479169.1	1	2.0464	0.2834	873.9725	5.83
AEDTAVYYCAR	IPI00479169.1	2	2.1918	0.109	1319.396	4.37
DGFFGNPR	IPI00479169.1	2	2.8688	0.2755	909.9682	5.84
DNAKNSLYLQMNSLR	IPI00479169.1	2	3.257	0.2502	1767.988	8.59
FTCTVTHTDLPSPLK	IPI00479169.1	2	4.8138	0.4876	1717.938	6.73
VFAIPPSFASIFLTK	IPI00479169.1	2	3.0878	0.2687	1638.974	8.72
AKDLHLSDVFLK	IPI00009920.1	3	3.9916	0.3369	1386.621	6.79
ALNHLPLEYNSALYSR	IPI00009920.1	3	4.3464	0.5349	1862.078	6.79
DLHLSDVFLK	IPI00009920.1	2	3.039	0.3993	1187.37	5.21
ENPAVIDFELAPIVDLVR	IPI00009920.1	2	5.9088	0.5129	2011.307	3.92
TFSEWLESVK	IPI00009920.1	2	2.8183	0.2927	1226.36	4.53
TLNICEVGTIR	IPI00009920.1	2	3.3029	0.4987	1276.459	5.66
YYQENFCEQICSK	IPI00009920.1	2	5.2472	0.5912	1769.877	4.53
CPINCLLGDFGPWSDCDPCIEK	IPI00009920.1	2	5.4032	0.5918	2654.884	3.84
GEVLDNSFTGGICK	IPI00009920.1	2	5.0999	0.4527	1497.626	4.37

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IGESIELTCPK	IPI00009920.1	2	3.0838	0.4331	1247.414	4.53
KYNPIPSVQLMGNGFHFLAGEPR	IPI00009920.1	3	5.6059	0.6418	2573.957	8.6
SEYGAALAWEK	IPI00009920.1	2	3.0216	0.3919	1225.332	4.53
SVLRPSQFGGQPCTEPLVAFQPCIPSK	IPI00009920.1	3	6.4156	0.5305	3002.401	7.79
TSNPYRVPANLENVGFEVQTAEDDLK	IPI00009920.1	3	5.7947	0.6018	2908.126	4.18
VPANLENVGFEVQTAEDDLK	IPI00009920.1	2	6.3265	0.5649	2189.365	3.83
VPANLENVGFEVQTAEDDLKTDFYK	IPI00009920.1	3	7.1949	0.631	2844.079	4.02
YTCQGNSWTPPISNSLTCEK	IPI00009920.1	2	3.6003	0.538	2344.507	5.99
YTCQGNSWTPPISNSLTCEKDTLTK	IPI00009920.1	3	3.2	0.3115	2903.135	6.05
AEAQAQYSAAVAK	IPI00218192.1	2	2.8746	0.1925	1308.422	6.05
AGFSWIEVTFK	IPI00218192.1	2	3.5802	0.4195	1285.472	6.05
ETLFSVMPGLK	IPI00218192.1	2	2.7635	0.3461	1222.479	6.1
ILDDLSPR	IPI00218192.1	2	2.8204	0.1054	929.0529	4.21
ITFELVYEELLK	IPI00218192.1	2	4.5538	0.3709	1497.757	4.25
LALDNGGLAR	IPI00218192.1	2	3.0415	0.3954	1000.134	5.84
NPLVWVHASPEHVVVTR	IPI00218192.1	3	4.1486	0.5352	1941.225	6.92
SPEQQETVLDGNLIIR	IPI00218192.1	2	5.0223	0.3985	1813.002	4.14
ANTVQEATFQMELPK	IPI00218192.1	2	4.5048	0.3676	1707.93	4.53
FAHTVVTSR	IPI00218192.1	2	2.3056	0.3346	1018.151	9.76
FSSHVGGTLGQFYQEVLWGSPAASDDGR	IPI00218192.1	3	3.726	0.2331	2970.158	4.54
GPDVLTATVSGK	IPI00218192.1	2	3.6384	0.4574	1145.288	5.84
LGVYELLLK	IPI00218192.1	2	3.4074	0.3654	1048.3	6
LPEGSVSLIILLTDGDPTVGETNPR	IPI00218192.1	2	4.705	0.6316	2594.9	3.92
NMEQFQVSVSVAPNAK	IPI00218192.1	2	3.737	0.182	1749.97	6
QGPVNLLSDPEQGVEVTGQYER	IPI00218192.1	2	4.7383	0.5932	2416.586	4
RLDYQEGPPGVEISCWSVEL	IPI00218192.1	2	4.5809	0.5698	2335.548	4
SFAAGIQALGGTNINDAMLMAVQLLDSSNQEER	IPI00218192.1	3	3.6954	0.3072	3466.846	3.92
DIENQYETQITQIEHEVSSSGQEVQSSAK	IPI00019359.2	3	6.3565	0.5811	3266.387	4.14
DQIVDLTVGNNK	IPI00019359.2	2	2.5914	0.2864	1316.443	4.21
EIETYHNLLEGGQEDFESSGAGK	IPI00019359.2	3	6.1038	0.4965	2511.597	4.14
NYSPYYNTIDDLK	IPI00019359.2	2	2.3485	0.1113	1606.714	4.21
STMQELNSR	IPI00019359.2	2	2.7892	0.2118	1066.172	5.72
TLLDIDNTR	IPI00019359.2	2	2.9105	0.3726	1061.171	4.21

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VQALEEANNDLENK	IPI00019359.2	2	5.5684	0.4998	1587.671	4
FSSSSGYGGGSSR	IPI00019359.2	2	3.2911	0.5482	1236.23	8.75
GGGGSFGYSYGGGSGGGFSASSLGGGFGGGSR	IPI00019359.2	2	2.2858	0.4219	2706.738	8.59
GGSGGSHGGGSGFGGESGGSYGGGEEASGSGGGYGGGSGK	IPI00019359.2	3	4.793	0.5333	3225.087	4.75
GGSGGSYGGGGSGGGYGGGSGSR	IPI00019359.2	2	4.8075	0.4691	1792.719	8.59
HGVQELEIELQSQLSK	IPI00019359.2	2	4.5933	0.4638	1839.04	4.75
HGVQELEIELQSQLSKK	IPI00019359.2	3	3.3562	0.3323	1967.213	5.5
IKFEMEQNLR	IPI00019359.2	3	3.1525	0.2034	1308.532	6.14
QEIECQNQEYSLLLSIK	IPI00019359.2	2	4.3201	0.5192	2096.318	4.25
QGVDADINGLR	IPI00019359.2	2	3.0487	0.3691	1158.247	4.21
SGGGGGGGLGSGGSIR	IPI00019359.2	2	4.3541	0.4759	1233.274	9.47
YCGQLQMIQEQISNLEAQITDVR	IPI00019359.2	3	4.1583	0.492	2739.049	4.14
ALHQVFEHMLDVSK	IPI00303963.1	3	3.2652	0.4625	1654.915	6
AVISPGFDVFAK	IPI00303963.1	2	2.5206	0.3144	1251.456	5.88
GESGGAVFLER	IPI00303963.1	2	3.0451	0.3719	1122.213	4.53
KNQGILEFYGDDIALLK	IPI00303963.1	3	4.391	0.3814	1938.213	4.56
RNDYLDIYAIGVGK	IPI00303963.1	3	4.3961	0.437	1597.797	5.96
SSGQWQTPGATR	IPI00303963.1	2	3.0147	0.1874	1276.341	9.47
VLMSVLNDNSR	IPI00303963.1	2	2.807	0.4766	1248.435	5.81
CSSNLVLTGSSER	IPI00303963.1	2	3.9039	0.5055	1410.507	6
DFHINLFR	IPI00303963.1	2	2.5504	0.1983	1062.206	6.74
DMTEVISSLENANYK	IPI00303963.1	2	4.6503	0.5301	1714.876	4.14
ECQGNGVWSGTEPICR	IPI00303963.1	2	3.9247	0.5074	1850.955	4.53
EVVTDQFLCSGTQEDESPCK	IPI00303963.1	2	5.5165	0.5962	2330.432	3.83
EVVTDQFLCSGTQEDESPCKGESGGAVFLER	IPI00303963.1	3	6.7351	0.629	3433.623	4
HAFILQDTK	IPI00303963.1	2	2.7921	0.3617	1073.227	6.74
HAIILLTDGK	IPI00303963.1	2	3.0342	0.4658	1081.291	6.74
LLGMETMAWQEIR	IPI00303963.1	2	4.2799	0.4327	1578.882	4.53
NDYLDIYAIGVGK	IPI00303963.1	2	4.0378	0.4227	1441.61	4.21
PICLPCTMEANLALR	IPI00303963.1	2	4.7721	0.5239	1760.079	6.35
ALPAPIEK	IPI00549462.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00549462.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00549462.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00549462.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00549462.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00549462.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00549462.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00549462.1	2	3.5262	0.3362	1162.355	8.22

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TTPPVLDSDGSFFLYSK	IPI00549462.1	3	4.844	0.5117	1875.068	4.21
AEDTGVYYCAK	IPI00549462.1	2	2.3415	0.2235	1277.355	4.37
EPQVYTLPPSR	IPI00549462.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00549462.1	2	3.925	0.4166	1874.084	4.68
STSGGTAALGCLVK	IPI00549462.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00549462.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00549462.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00549462.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00549462.1	3	5.0155	0.5185	2229.563	6.72
DVLVR	IPI00386879.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00386879.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00386879.1	3	6.711	0.6136	2338.662	6.74
NSLYLQMNSLR	IPI00386879.1	2	4.1515	0.1394	1339.546	8.75
SAVQGPPER	IPI00386879.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00386879.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00386879.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00386879.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00386879.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00386879.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00386879.1	2	5.0794	0.6002	2594.799	5.32
DNAKNSLYLQMNSLR	IPI00386879.1	2	3.257	0.2502	1767.988	8.59
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00386879.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00386879.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00386879.1	2	2.1833	0.2872	818.897	4.37
VDDTAVYYCAR	IPI00386879.1	2	3.4046	0.3749	1333.422	4.21
WLQGSQELPR	IPI00386879.1	2	3.3952	0.351	1214.356	6
AVGDKLPECEAVCGK	IPI00477597.1	3	3.9536	0.3899	1633.813	4.68
AVGDKLPECEAVCGKPK	IPI00477597.1	3	5.9512	0.4683	1859.101	6.21
DIAPTLTLYVGK	IPI00477597.1	2	3.9603	0.5032	1291.518	5.84
DIAPTLTLYVGKK	IPI00477597.1	2	3.5848	0.3969	1419.691	8.5
GSFPWQAK	IPI00477597.1	2	2.7194	0.3615	921.0341	8.75
LPECEAVCGK	IPI00477597.1	2	3.7005	0.4704	1163.29	4.53
LPECEAVCGKPK	IPI00477597.1	2	4.107	0.4207	1388.579	6.13
SCAVAEYGVYVK	IPI00477597.1	2	5.1992	0.5958	1346.504	5.72
SPVGVQPILNEHTFCVGMSK	IPI00477597.1	3	3.6549	0.4167	2201.525	6.46
VTSIQDWVQK	IPI00477597.1	2	3.5929	0.3887	1204.357	5.81
VVLHPNYHQVDIGLIK	IPI00477597.1	3	4.2929	0.4932	1846.165	6.89
ILGGHLDAK	IPI00477597.1	2	2.9077	0.3483	924.0795	6.74

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LRTEGDGVYTLNDK	IPI00477597.1	2	4.9441	0.4536	1581.709	4.56
TEGDGVYTLNDK	IPI00477597.1	2	4.4621	0.4731	1312.365	4.03
TEGDGVYTLNDKK	IPI00477597.1	3	3.561	0.1078	1440.538	4.56
VGYVSGWGQSDNFK	IPI00477597.1	2	3.5404	0.5473	1544.649	5.81
VMPICLPSK	IPI00477597.1	1	2.0233	0.2159	1045.315	8.19
CREILSVDCSTNNPSQAK	IPI00291262.3	3	4.4804	0.4384	2080.23	6.06
EIQNAVNGVK	IPI00291262.3	2	2.1547	0.2294	1072.197	6.1
FMETVAEK	IPI00291262.3	2	2.4171	0.34	955.1106	4.53
LFDSDPITVTVPVEVSR	IPI00291262.3	2	5.8824	0.5042	1875.112	4.03
TLLSNLEEAK	IPI00291262.3	2	3.6612	0.3301	1118.263	4.53
TLLSNLEEAKK	IPI00291262.3	2	3.1889	0.4	1246.436	5.81
YVNKEIQNAVNGVK	IPI00291262.3	2	3.6349	0.3181	1576.779	8.5
ASSIIDELFQDR	IPI00291262.3	2	4.8581	0.4784	1394.512	4.03
EILSVDCSTNNPSQAK	IPI00291262.3	2	4.9709	0.5345	1763.879	4.37
ELDESLQVAER	IPI00291262.3	2	3.7347	0.3889	1289.374	4
EPQDTYHYLPFSLPHR	IPI00291262.3	2	2.5422	0.2675	2001.19	6
IDSLLENDR	IPI00291262.3	2	3.3269	0.2812	1075.155	4.03
KTLLSNLEEAK	IPI00291262.3	3	5.1809	0.2018	1246.436	6.14
KTLLSNLEEAKK	IPI00291262.3	3	4.6634	0.3523	1374.609	8.5
QQTHMLDVMQDHFSR	IPI00291262.3	2	3.2322	0.4783	1874.095	5.98
RELDESLQVAER	IPI00291262.3	3	4.253	0.1391	1445.561	4.41
VTTVASHTSDSDVPSGVTEVVVK	IPI00291262.3	2	6.772	0.6104	2315.52	4.54
DSPVLIDFFEDTER	IPI00022371.1	2	6.1512	0.5702	1683.797	3.77
GEVLPLPEANFPSFPLPHHK	IPI00022371.1	2	4.731	0.6275	2227.549	6
HPLKPDNQPFPQSVSESCPGK	IPI00022371.1	3	5.3678	0.4485	2350.566	6.74
SGFPQVSMFFTHTFPK	IPI00022371.1	2	4.6732	0.5875	1859.14	8.49
YKEENDDFASFR	IPI00022371.1	2	4.4895	0.5061	1521.569	4.32
YWNDCEPPDSR	IPI00022371.1	2	2.4591	0.3239	1439.462	4.03
ADLFYDVEALDLESPK	IPI00022371.1	2	5.6884	0.5498	1825.993	3.77
DGYLFQLLR	IPI00022371.1	2	3.6423	0.2773	1125.302	5.84
DHSHGPPLPQGPPPLLPMSCSSCQHATFGTNGAQR	IPI00022371.1	3	6.367	0.5279	3739.078	7
GGEGTGYFVDFSVR	IPI00022371.1	2	4.6045	0.4785	1491.586	4.37
HPNVFGFCR	IPI00022371.1	1	2.7298	0.4274	1134.266	8.26
KGEVLPLPEANFPSFPLPHHK	IPI00022371.1	3	6.5745	0.5454	2355.722	6.92
KYWNDCEPPDSR	IPI00022371.1	2	3.9145	0.5297	1567.635	4.56
RDGYLFQLLR	IPI00022371.1	3	3.8325	0.1666	1281.488	8.75
RPSEIVIGQCK	IPI00022371.1	2	3.632	0.4686	1287.485	8.22
VIDFNCTTSSVSSALANT	IPI00022371.1	2	5.2605	0.5633	2016.189	5.8
VRGGEGTGYFVDFSVR	IPI00022371.1	3	3.8693	0.2982	1746.904	6.04
AAPSVTLFPPSSEELQAN	IPI00551005.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00551005.1	2	3.4747	0.3742	991.0778	6.05

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ATLVCLISDFYPGAVTVAWK	IPI00551005.1	2	5.7829	0.6425	2212.566	5.87
DTLMISR	IPI00551005.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00551005.1	2	6.0646	0.5194	1678.828	5.32
GPSVFPLAPSSK	IPI00551005.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00551005.1	3	4.3508	0.4948	2490.831	9.31
LTVLSQPK	IPI00551005.1	2	2.6826	0.3322	886.0711	8.75
QSNNKYAASSYLSLTPEQWK	IPI00551005.1	2	4.7051	0.5754	2316.512	8.43
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00551005.1	3	6.9365	0.6072	2846.302	7.76
YAASSYLSLTPEQWK	IPI00551005.1	2	6.1299	0.5232	1744.925	6
ITCQGDSLR	IPI00551005.1	2	2.7436	0.2	1050.142	5.83
STSGGTAALGCLVK	IPI00551005.1	2	4.7377	0.4475	1322.484	7.94
SYSCQVTHEGSTVEK	IPI00551005.1	2	5.5163	0.559	1712.79	5.38
TPEVTCVVVDVSHEDPEVK	IPI00551005.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00551005.1	3	4.3497	0.4609	3800.133	4.43
ALPAPIEK	IPI00549576.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00549576.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00549576.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00549576.1	2	5.3647	0.5577	2545.658	4
GPSVFPLAPSSK	IPI00549576.1	2	3.3056	0.4022	1187.37	8.75
GPSVFPLAPSSKSTSGGTAALGCLVK	IPI00549576.1	3	4.3508	0.4948	2490.831	9.31
GQPREPQVYTLPPSR	IPI00549576.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00549576.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00549576.1	3	6.9365	0.6072	2846.302	7.76
EPQVYTLPPSR	IPI00549576.1	2	2.6967	0.3666	1287.446	6.1
STSGGTAALGCLVK	IPI00549576.1	2	4.7377	0.4475	1322.484	7.94
TPEVTCVVVDVSHEDPEVK	IPI00549576.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00549576.1	3	4.3497	0.4609	3800.133	4.43
VDDTAVYYCAR	IPI00549576.1	2	3.4046	0.3749	1333.422	4.21
VVSVLTVLHQDWLNGK	IPI00549576.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00549576.1	3	5.0155	0.5185	2229.563	6.72
HQFLLTGDTQGR	IPI00022895.5	2	3.9127	0.5604	1373.499	6.74
LLELTGPK	IPI00022895.5	2	2.6811	0.3404	871.0565	6
NGVAQEPVHLDSPAIK	IPI00022895.5	2	4.4726	0.4964	1675.868	5.32
SLPAPWLSMAPVSWITPGLK	IPI00022895.5	2	5.9633	0.6266	2152.587	8.47

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VTLTCVAPLSGVDFQLR	IPI00022895.5	3	5.7939	0.5371	1877.168	5.8
ATWSGAVLAGR	IPI00022895.5	2	4.0453	0.3825	1089.23	9.8
CEGPIPDVTFELLR	IPI00022895.5	2	5.0077	0.3951	1646.86	4.14
CLAPLEGAR	IPI00022895.5	2	3.1456	0.3027	987.129	6
IFFHLNAVALGDGGHYT	IPI00022895.5	3	6.3956	0.5732	2149.39	6.91
LETPDFQLFK	IPI00022895.5	2	2.8892	0.3897	1238.414	4.37
LETPDFQLFKNGVAQEPVHLDSPAIK	IPI00022895.5	3	5.1911	0.4684	2895.259	4.75
LHDNQNGWSGDSAPVELILSDETLPAPEFSPEPESG	IPI00022895.5	3	7.5974	0.6394	3993.212	3.89
SGLSTGWTQLSK	IPI00022895.5	2	4.4997	0.4206	1265.398	8.47
SWVPHTFESELSDPVELLVAES	IPI00022895.5	2	4.1029	0.5086	2472.688	3.9
TDGEGALSEPSATVTIEELAAPPPPVLMHHGESSQVLHPGNK	IPI00022895.5	3	5.4333	0.4224	4302.729	4.67
TPGAAANLELIFVGPQHAGNYR	IPI00022895.5	3	7.2774	0.6111	2297.558	6.41
DVLVR	IPI00430842.3	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00430842.3	2	5.3138	0.5579	2210.489	5.32
GLVWVSR	IPI00430842.3	2	2.2006	0.181	816.9706	9.75
KGDTFSCMVGHEALPLAFTQK	IPI00430842.3	3	6.711	0.6136	2338.662	6.74
NTLYLQMNSLR	IPI00430842.3	2	4.5199	0.1078	1353.573	8.75
SAVQGPPER	IPI00430842.3	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00430842.3	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00430842.3	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00430842.3	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00430842.3	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00430842.3	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00430842.3	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00430842.3	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00430842.3	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00430842.3	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00430842.3	2	3.3952	0.351	1214.356	6
DVLVR	IPI00552678.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00552678.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00552678.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00552678.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00552678.1	3	6.6873	0.5661	3576.05	4.9

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TFTCTAAYPESK	IPI00552678.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00552678.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00552678.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00552678.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00552678.1	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00552678.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00552678.1	3	4.7562	0.4145	1837.024	6
TGAIDYWGQGTLVTVSSASPTSPK	IPI00552678.1	3	3.2871	0.3862	2424.648	5.5
VAAEDWK	IPI00552678.1	2	2.1833	0.2872	818.897	4.37
VTISVDTSK	IPI00552678.1	2	2.453	0.3427	950.0689	5.81
WLQGSQELPR	IPI00552678.1	2	3.3952	0.351	1214.356	6
AQYEEIAQR	IPI00021304.1	2	3.0365	0.116	1108.187	4.53
HSSGGGSRGGSSSGGGYGSGGGGSSSVK	IPI00021304.1	3	3.5507	0.4922	2315.274	9.99
IEISELNR	IPI00021304.1	2	3.0856	0.2048	974.0937	4.53
NVQDAIADAEQR	IPI00021304.1	2	3.7966	0.4014	1330.387	4.03
VDLLNQEIEFLK	IPI00021304.1	2	4.5707	0.3261	1461.685	4.14
YEELQVTVGR	IPI00021304.1	2	3.5707	0.3097	1194.319	4.53
FLEQQNQVLQTK	IPI00021304.1	2	5.0661	0.158	1476.66	6
GFSSGSAVVSGGSR	IPI00021304.1	2	4.313	0.4721	1255.32	9.75
GGSGGGGSISGGGYGSGGGSGGR	IPI00021304.1	2	3.8006	0.5325	1742.703	8.75
GSSSGGGYSSGSSSYGSG	IPI00021304.1	2	4.4613	0.6193	1741.669	8.59
NKLNDLEEALQQAK	IPI00021304.1	2	3.8659	0.1859	1614.782	4.68
NLDLDSIIAEVK	IPI00021304.1	2	4.4902	0.3656	1330.509	4.03
SKEEAEALYHSK	IPI00021304.1	3	4.4287	0.4676	1392.496	5.47
SLVGLGGTK	IPI00021304.1	2	2.3108	0.2287	831.9803	8.47
TSQNSELNNMQDLVEDY	IPI00021304.1	2	4.1608	0.5229	2129.248	3.92
TSQNSELNNMQDLVEDYKK	IPI00021304.1	3	3.5083	0.3746	2257.421	4.32
AWEDTLDK	IPI00003351.2	2	2.1534	0.2761	978.0376	4.03
ELPSLQHPNEQK	IPI00003351.2	2	3.5111	0.3257	1420.553	5.4
EVGPPLPQEAVPLQK	IPI00003351.2	2	2.7942	0.4136	1602.856	4.53
LLPAQLPAEKEVGPPLPQEAVPLQK	IPI00003351.2	3	3.8236	0.4865	2664.136	4.79
LTFINDLCGPR	IPI00003351.2	2	2.9547	0.3163	1306.486	5.83
ACPSHQPDISSGLELPFPPGVPTLDNIK	IPI00003351.2	3	4.2987	0.3326	2988.334	4.54
CCDLPFPEQACCAEEEK	IPI00003351.2	2	3.1612	0.3434	2144.253	3.91
DILTIDIGR	IPI00003351.2	2	2.3691	0.2575	1016.174	4.21
ELLALIQLER	IPI00003351.2	2	3.762	0.3159	1198.437	4.53
FSCFQEEAPQPHYQLR	IPI00003351.2	3	3.6487	0.3761	2038.202	5.4
LDGFPPGRPSPDNLNQICLPNR	IPI00003351.2	3	3.6728	0.1588	2478.742	5.95

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NVALVSGDTENAK	IPI00003351.2	2	4.166	0.5625	1318.416	4.37
QGETLNFLEIGYSR	IPI00003351.2	2	3.7427	0.5171	1627.78	4.53
SLPMDHPDSSQHGPPFEGQSQVQPPPSQEATPLQQE	IPI00003351.2	3	6.6254	0.636	4038.322	4.49
SQGGWGHR	IPI00003351.2	2	2.2719	0.1504	884.922	9.49
VTPNLMGHLCGNQR	IPI00003351.2	2	2.6205	0.505	1597.818	8.23
ALPAPIEK	IPI00382606.1	1	2.0599	0.1002	839.0145	6.05
DTLMISR	IPI00382606.1	2	2.5715	0.2015	835.9925	5.84
FNWYVDGVEVHNAK	IPI00382606.1	2	6.0646	0.5194	1678.828	5.32
GFYPSDIAVEWESNGQPENNYK	IPI00382606.1	2	5.3647	0.5577	2545.658	4
GQPREPQVYTLPPSR	IPI00382606.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00382606.1	2	3.5262	0.3362	1162.355	8.22
THTCPPCPAPELLGGPSVFLFPPKPK	IPI00382606.1	3	6.9365	0.6072	2846.302	7.76
TTPPVLDSDGSFFLYSK	IPI00382606.1	3	4.844	0.5117	1875.068	4.21
EPQVYTLPPSR	IPI00382606.1	2	2.6967	0.3666	1287.446	6.1
EPQVYTLPPSRDELTK	IPI00382606.1	2	3.925	0.4166	1874.084	4.68
FSLVSGWGQLLDR	IPI00382606.1	2	3.4772	0.389	1478.677	5.84
TPEVTCVVVDVSHEDPEVK	IPI00382606.1	2	6.0622	0.601	2140.327	4.17
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00382606.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVLHQDWLNGK	IPI00382606.1	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00382606.1	3	5.0155	0.5185	2229.563	6.72
DVLVR	IPI00550584.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00550584.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00550584.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00550584.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00550584.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00550584.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00550584.1	2	2.6135	0.2846	932.0967	8.41
VTVSSASPTSPK	IPI00550584.1	2	4.0139	0.4478	1161.288	8.72
YLTWASR	IPI00550584.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00550584.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00550584.1	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00550584.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00550584.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00550584.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00550584.1	2	3.3952	0.351	1214.356	6
DVLVR	IPI00553132.1	1	2.0105	0.1088	601.7183	5.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
GDTFSCMVGHEALPLAFTQK	IPI00553132.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00553132.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00553132.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00553132.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00553132.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00553132.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00553132.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00553132.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00553132.1	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00553132.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00553132.1	3	4.7562	0.4145	1837.024	6
SDDTAVYYCAR	IPI00553132.1	2	4.412	0.5277	1321.368	4.21
VAAEDWK	IPI00553132.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00553132.1	2	3.3952	0.351	1214.356	6
ALEWLAR	IPI00550663.1	2	2.6277	0.2244	859.0075	6.05
DVLVR	IPI00550663.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00550663.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00550663.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00550663.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00550663.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00550663.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00550663.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00550663.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00550663.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00550663.1	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00550663.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00550663.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00550663.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00550663.1	2	3.3952	0.351	1214.356	6
DVLVR	IPI00550224.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00550224.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00550224.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00550224.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00550224.1	3	6.6873	0.5661	3576.05	4.9

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TFTCTAAYPESK	IPI00550224.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00550224.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00550224.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00550224.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00550224.1	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00550224.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00550224.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00550224.1	2	2.1833	0.2872	818.897	4.37
VTITADESTR	IPI00550224.1	2	2.5026	0.388	1093.17	4.37
WLQGSQELPR	IPI00550224.1	2	3.3952	0.351	1214.356	6
DVLVR	IPI00472226.3	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00472226.3	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00472226.3	3	6.711	0.6136	2338.662	6.74
NTLYLQMTDLR	IPI00472226.3	2	2.3005	0.188	1368.584	5.84
SAVQGPPER	IPI00472226.3	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00472226.3	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00472226.3	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00472226.3	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00472226.3	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00472226.3	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00472226.3	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00472226.3	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00472226.3	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00472226.3	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00472226.3	2	3.3952	0.351	1214.356	6
DVLVR	IPI00449920.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00449920.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00449920.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00449920.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00449920.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00449920.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00449920.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00449920.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00449920.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00449920.1	2	5.0794	0.6002	2594.799	5.32
LSCAASGFR	IPI00449920.1	2	2.1799	0.2478	969.0706	8.25

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00449920.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00449920.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00449920.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00449920.1	2	3.3952	0.351	1214.356	6
DVLVR	IPI00550932.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00550932.1	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00550932.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00550932.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00550932.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00550932.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00550932.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00550932.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00550932.1	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00550932.1	2	5.0794	0.6002	2594.799	5.32
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00550932.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00550932.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00550932.1	2	2.1833	0.2872	818.897	4.37
VSVSSASPTSPK	IPI00550932.1	2	2.738	0.3158	1147.261	8.72
WLQGSQELPR	IPI00550932.1	2	3.3952	0.351	1214.356	6
DVLVR	IPI00473015.3	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00473015.3	2	5.3138	0.5579	2210.489	5.32
KGDTFSCMVGHEALPLAFTQK	IPI00473015.3	3	6.711	0.6136	2338.662	6.74
SAVQGPPDR	IPI00473015.3	2	2.8134	0.2248	926.9971	5.55
SAVQGPPDRDLCGCYSVSSVLPGCAEPWNHGK	IPI00473015.3	3	7.5465	0.575	3502.773	5.36
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00473015.3	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00473015.3	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00473015.3	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00473015.3	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00473015.3	2	5.8559	0.5056	1541.644	5.84
DLCGCYSVSSVLPGCAEPWNHGK	IPI00473015.3	2	5.0794	0.6002	2594.799	5.32
GTLVTVSSASPTSPK	IPI00473015.3	2	4.6979	0.3456	1432.602	8.75
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00473015.3	3	6.2886	0.6577	3170.424	4.21
VAAEDWK	IPI00473015.3	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00473015.3	2	3.3952	0.351	1214.356	6

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
CCVECPPCPAPPVAGPSVFLFPPKPK	IPI00399007.3	3	5.892	0.4874	2910.373	7.88
DTLMISR	IPI00399007.3	2	2.5715	0.2015	835.9925	5.84
FDPWGQGTLVTVSSAST	IPI00399007.3	2	4.379	0.5494	1882.063	5.84
GFYPSDIAVEWESNGQPENNYK	IPI00399007.3	2	5.3647	0.5577	2545.658	4
GLPAPIEK	IPI00399007.3	1	2.0416	0.3748	824.9878	6
GPSVFPLAPCSR	IPI00399007.3	2	3.5046	0.3555	1288.471	8.25
GQPREPQVYTLPPSR	IPI00399007.3	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00399007.3	2	3.5262	0.3362	1162.355	8.22
TTPPMLDSDGSFFLYSK	IPI00399007.3	3	4.8232	0.4913	1907.133	4.21
EPQVYTLPPSR	IPI00399007.3	2	2.6967	0.3666	1287.446	6.1
KCCVECPPCPAPPVAGPSVFLFPPKPK	IPI00399007.3	3	5.6652	0.5663	3038.546	8.52
STSESTAALGCLVK	IPI00399007.3	2	4.5555	0.4595	1424.573	5.72
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00399007.3	3	4.3497	0.4609	3800.133	4.43
VVSVLTVVHQDWLNGK	IPI00399007.3	2	4.9297	0.5229	1795.075	6.71
VVSVLTVVHQDWLNGKEYK	IPI00399007.3	3	4.3455	0.5225	2215.537	6.72
CCVECPPCPAPPVAGPSVFLFPPKPK	IPI00426051.3	3	5.892	0.4874	2910.373	7.88
DTLMISR	IPI00426051.3	2	2.5715	0.2015	835.9925	5.84
GFYPSDIAVEWESNGQPENNYK	IPI00426051.3	2	5.3647	0.5577	2545.658	4
GLPAPIEK	IPI00426051.3	1	2.0416	0.3748	824.9878	6
GPSVFPLAPCSR	IPI00426051.3	2	3.5046	0.3555	1288.471	8.25
GQPREPQVYTLPPSR	IPI00426051.3	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00426051.3	2	3.5262	0.3362	1162.355	8.22
NSLYLQMNSLR	IPI00426051.3	2	4.1515	0.1394	1339.546	8.75
TTPPMLDSDGSFFLYSK	IPI00426051.3	3	4.8232	0.4913	1907.133	4.21
AEBTAVYYCAR	IPI00426051.3	2	2.3105	0.3847	1318.903	6.04
DNAKNSLYLQMNSLR	IPI00426051.3	2	3.257	0.2502	1767.988	8.59
EPQVYTLPPSR	IPI00426051.3	2	2.6967	0.3666	1287.446	6.1
KCCVECPPCPAPPVAGPSVFLFPPKPK	IPI00426051.3	3	5.6652	0.5663	3038.546	8.52
VVSVLTVVHQDWLNGK	IPI00426051.3	2	4.9297	0.5229	1795.075	6.71
VVSVLTVVHQDWLNGKEYK	IPI00426051.3	3	4.3455	0.5225	2215.537	6.72
DVLVR	IPI00433678.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00433678.1	2	5.3138	0.5579	2210.489	5.32
HYTNPSQDVTVPCPVPPPPPCCHPR	IPI00433678.1	3	6.2957	0.4978	2911.202	6.89
KGDTFSCMVGHEALPLAFTQK	IPI00433678.1	3	6.711	0.6136	2338.662	6.74
LTSVTAADTAIYYCAR	IPI00433678.1	2	2.3656	0.2962	1776.962	5.83

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
SAVQGPPER	IPI00433678.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00433678.1	3	6.6873	0.5661	3576.05	4.9
YLTWASR	IPI00433678.1	2	2.7536	0.3878	897.0126	8.75
DASGATFTWTPSSGK	IPI00433678.1	2	4.6207	0.5277	1513.59	5.84
NFPPSQDASGDLYTTSSQLTLPATQCPDGK	IPI00433678.1	3	5.6294	0.6028	3198.391	3.93
QEPSQGTTTFAVTSILR	IPI00433678.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00433678.1	2	2.1833	0.2872	818.897	4.37
VTMSVDTSK	IPI00433678.1	2	2.4331	0.2798	968.1077	5.81
WLQGSQELPR	IPI00433678.1	2	3.3952	0.351	1214.356	6
YFDLWGR	IPI00433678.1	2	2.4238	0.3192	957.0665	5.84
CYGPGVGR	IPI00025204.1	2	2.6217	0.341	865.9503	8.22
DVAVLCR	IPI00025204.1	2	2.3751	0.2606	832.9618	5.83
GQWGTVCDDGWDIK	IPI00025204.1	2	5.3213	0.4014	1637.725	3.93
GQWGTVCDDGWDIKDVAVLCR	IPI00025204.1	2	5.092	0.5393	2451.664	4.14
GVWGSVCDDNWGEK	IPI00025204.1	2	4.9643	0.4674	1609.672	4.03
GVWGSVCDDNWGEKEDQVVCK	IPI00025204.1	2	5.0493	0.5122	2468.605	4.11
HQNQWYTVCQTGWSLR	IPI00025204.1	2	5.5925	0.6562	2065.23	8.23
NTCNHDEDTWVECEDPFDLR	IPI00025204.1	3	6.3462	0.5075	2553.581	3.9
CSGEEQSLEQCQHR	IPI00025204.1	2	4.3628	0.4898	1748.778	4.75
EATLQDCPSGPWGK	IPI00025204.1	2	4.0027	0.4801	1546.657	4.37
ELGCGAASGTPSGILYEPPAEK	IPI00025204.1	2	5.7235	0.5325	2205.401	4.25
ELGCGAASGTPSGILYEPPAEKEQK	IPI00025204.1	3	3.0456	0.3607	2590.818	4.49
FWGFHDCTHQEDVAVICSG	IPI00025204.1	2	5.6621	0.6706	2266.398	4.52
KPIWLSQMSCSGR	IPI00025204.1	3	4.8001	0.4377	1550.802	9.51
LVGGDNLCSGR	IPI00025204.1	2	3.7583	0.5131	1148.246	5.83
DVMQGTDEHVVCK	IPI00479708.3	2	3.9254	0.4764	1518.669	4.54
ESDWLSQSMFTCR	IPI00479708.3	2	3.6066	0.4462	1647.785	4.37
GVALHRPDVYLLPPAR	IPI00479708.3	3	5.1931	0.4326	1775.09	8.75
LICQATGFSPR	IPI00479708.3	2	3.5329	0.3444	1250.423	8.25
LSSVTAADTAVYYCAR	IPI00479708.3	2	4.8646	0.5331	1748.909	5.83
NVPLPVIAELPPK	IPI00479708.3	2	2.2844	0.3167	1387.692	6
QVGSGVTTDQVQAEAK	IPI00479708.3	2	4.9029	0.5595	1618.728	4.37
VSVFVPPR	IPI00479708.3	2	2.6626	0.429	901.0875	9.72
YAATSQVLLPSK	IPI00479708.3	2	3.6707	0.1458	1278.479	8.59
YAATSQVLLPSKDVMQGTDEHVVCK	IPI00479708.3	3	6.9258	0.6052	2778.125	5.38
YVTSAPMPEPQAPGR	IPI00479708.3	2	4.0016	0.5048	1601.809	6
DGFFGNPR	IPI00479708.3	2	2.8688	0.2755	909.9682	5.84
FTCTVTHTDLPSPLK	IPI00479708.3	2	4.8138	0.4876	1717.938	6.73

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VFAIPPSFASIFLTK	IPI00479708.3	2	3.0878	0.2687	1638.974	8.72
VTISVDTSK	IPI00479708.3	2	2.453	0.3427	950.0689	5.81
DVMQGTDEHVVCK	IPI00382937.7	2	3.9254	0.4764	1518.669	4.54
ESDWLSQSMFTCR	IPI00382937.7	2	3.6066	0.4462	1647.785	4.37
GVALHRPDVYLLPPAR	IPI00382937.7	3	5.1931	0.4326	1775.09	8.75
LICQATGFSPR	IPI00382937.7	2	3.5329	0.3444	1250.423	8.25
LSSVNAADTAVYYCAR	IPI00382937.7	2	3.8912	0.4514	1761.907	5.83
NVPLPVIAELPPK	IPI00382937.7	2	2.2844	0.3167	1387.692	6
QVGSGVTTDQVQAEAK	IPI00382937.7	2	4.9029	0.5595	1618.728	4.37
VSVFVPPR	IPI00382937.7	2	2.6626	0.429	901.0875	9.72
YAATSQVLLPSK	IPI00382937.7	2	3.6707	0.1458	1278.479	8.59
YAATSQVLLPSKDVMQGTDEHVVCK	IPI00382937.7	3	6.9258	0.6052	2778.125	5.38
YVTSAPMPEPQAPGR	IPI00382937.7	2	4.0016	0.5048	1601.809	6
DGFFGNPR	IPI00382937.7	2	2.8688	0.2755	909.9682	5.84
FTCTVTHTDLPSPLK	IPI00382937.7	2	4.8138	0.4876	1717.938	6.73
VFAIPPSFASIFLTK	IPI00382937.7	2	3.0878	0.2687	1638.974	8.72
VTISVDTSK	IPI00382937.7	2	2.453	0.3427	950.0689	5.81
EKGEIQNILQK	IPI00008558.1	2	2.7515	0.1886	1300.487	6.24
GDTSTIYTNCWVTGWGF	IPI00008558.1	2	5.2179	0.5723	2181.34	5.83
GEIQNILQK	IPI00008558.1	2	2.2134	0.1539	1043.199	6
GVNVCQETCTK	IPI00008558.1	2	3.9158	0.4266	1296.397	5.99
VAEYMDWILEK	IPI00008558.1	2	3.7053	0.4486	1397.621	4.14
VNIPLVTNEECQK	IPI00008558.1	2	3.4084	0.4096	1544.726	4.53
VSEGNHDIALIK	IPI00008558.1	2	3.0899	0.2843	1296.455	5.32
CLLFSFLPASSINDMEK	IPI00008558.1	2	5.3194	0.5494	1973.273	4.37
CQFFSYATQTFHK	IPI00008558.1	3	4.3346	0.5012	1665.823	8.21
GGDVASMYTPNAQYCQMR	IPI00008558.1	2	5.6333	0.6421	2050.256	5.83
IAYGTQGSSGYSLR	IPI00008558.1	2	3.3707	0.5053	1460.574	8.59
IYSGILNLSDITK	IPI00008558.1	2	4.3487	0.4687	1437.663	5.84
LCNTGDNSVCTTK	IPI00008558.1	2	3.6384	0.3924	1470.552	5.82
LVGITSWGEGCAR	IPI00008558.1	2	4.0564	0.584	1406.563	6
VLTPDAFVCR	IPI00008558.1	2	2.4073	0.417	1178.357	5.8
AGALNSNDAFVLK	IPI00026314.1	2	4.0275	0.4215	1320.476	5.88
AGKEPGLQIWR	IPI00026314.1	3	3.8979	0.2722	1255.451	8.79
DSQEEEKTEALTSAK	IPI00026314.1	2	3.8668	0.4185	1666.723	4.25
HVVPNEVVVQR	IPI00026314.1	3	3.287	0.2244	1276.47	6.75
NWRDPDQTDGLGLSYLSSHIANVER	IPI00026314.1	3	7.4569	0.5643	2845.033	4.66
QTQVSVLPEGGETPLFK	IPI00026314.1	2	4.2943	0.497	1831.059	4.53
SEDCFILDHGK	IPI00026314.1	2	2.6453	0.3918	1321.411	4.53
TGAQELLR	IPI00026314.1	2	2.6856	0.2167	888.004	5.66
VSNGAGTMSVSLVADENPFAQGALK	IPI00026314.1	2	5.1616	0.5777	2464.738	4.37
AQPVQVAEGSEPDGFWEALGGK	IPI00026314.1	2	6.314	0.613	2273.444	4

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
DPDQTDGLGLSYLSSHIANVER	IPI00026314.1	3	4.5567	0.4694	2388.533	4.22
EVQGFESATFLGYFK	IPI00026314.1	2	4.8159	0.6115	1723.906	4.53
VPEARPNSMVVEHPEFL	IPI00026314.1	3	3.6273	0.2316	2080.396	5.5
VPFDAATLHTSTAMAAQHGMDDDGTGQK	IPI00026314.1	3	5.8321	0.6351	2875.102	4.54
YIETDPANR	IPI00026314.1	2	2.494	0.3033	1079.145	4.37
DVLVR	IPI00426056.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00426056.1	2	5.3138	0.5579	2210.489	5.32
HYTNPSQDVTVPCPVPPPPPCCHPR	IPI00426056.1	3	6.2957	0.4978	2911.202	6.89
KGDTFSCMVGHEALPLAFTQK	IPI00426056.1	3	6.711	0.6136	2338.662	6.74
NSLYLQMNSLR	IPI00426056.1	2	4.1515	0.1394	1339.546	8.75
SAVQGPPER	IPI00426056.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00426056.1	3	6.6873	0.5661	3576.05	4.9
YLTWASR	IPI00426056.1	2	2.7536	0.3878	897.0126	8.75
DASGATFTWTPSSGK	IPI00426056.1	2	4.6207	0.5277	1513.59	5.84
DNAKNSLYLQMNSLR	IPI00426056.1	2	3.257	0.2502	1767.988	8.59
NFPPSQDASGDLYTTSSQLTLPATQCPDGK	IPI00426056.1	3	5.6294	0.6028	3198.391	3.93
QEPSQGTTTFAVTSILR	IPI00426056.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00426056.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00426056.1	2	3.3952	0.351	1214.356	6
CCVECPPCPAPPVAGPSVFLFPPKPK	IPI00441196.1	3	5.892	0.4874	2910.373	7.88
DTLMISR	IPI00441196.1	2	2.5715	0.2015	835.9925	5.84
GLEWVANIK	IPI00441196.1	2	3.4866	0.371	1030.202	6
GLPAPIEK	IPI00441196.1	1	2.0416	0.3748	824.9878	6
GPSVFPLAPCSR	IPI00441196.1	2	3.5046	0.3555	1288.471	8.25
GQPREPQVYTLPPSR	IPI00441196.1	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00441196.1	2	3.5262	0.3362	1162.355	8.22
NTLYLQMNSLR	IPI00441196.1	2	4.5199	0.1078	1353.573	8.75
EPQVYTLPPSR	IPI00441196.1	2	2.6967	0.3666	1287.446	6.1
KCCVECPPCPAPPVAGPSVFLFPPKPK	IPI00441196.1	3	5.6652	0.5663	3038.546	8.52
STSESTAALGCLVK	IPI00441196.1	2	4.5555	0.4595	1424.573	5.72
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00441196.1	3	4.3497	0.4609	3800.133	4.43
VVSVLTVVHQDWLNGK	IPI00441196.1	2	4.9297	0.5229	1795.075	6.71
VVSVLTVVHQDWLNGKEYK	IPI00441196.1	3	4.3455	0.5225	2215.537	6.72
DFTCVHQALK	IPI00291866.3	2	3.1814	0.3353	1219.366	6.73
FQPTLLTLPR	IPI00291866.3	2	2.552	0.1742	1186.428	9.75
GVTSVSQIFHSPDLAIR	IPI00291866.3	2	4.8882	0.4519	1828.062	6.74

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
HRLEDMEQALSPSVFK	IPI00291866.3	3	5.005	0.4414	1888.138	5.45
KYPVAHFIDQTLK	IPI00291866.3	3	3.7778	0.3076	1560.821	8.51
LYHAFSAMK	IPI00291866.3	2	2.3836	0.2923	1068.274	8.6
TNLESILSYPK	IPI00291866.3	2	3.979	0.4939	1265.438	5.66
TNLESILSYPKDFTCVHQALK	IPI00291866.3	3	4.2892	0.4334	2465.78	6.41
VTTSQDMLSIMEK	IPI00291866.3	2	4.1118	0.4498	1483.734	4.37
YPVAHFIDQTLK	IPI00291866.3	2	2.7327	0.3021	1432.648	6.74
IKVTTSQDMLSIMEK	IPI00291866.3	2	5.0321	0.562	1725.065	6.07
LEDMEQALSPSVFK	IPI00291866.3	2	5.474	0.5471	1594.811	4.14
LLDSLPSDTR	IPI00291866.3	2	3.4249	0.4226	1117.235	4.21
LVLLNAIYLSAK	IPI00291866.3	2	5.3386	0.5639	1318.63	8.59
AREDIFMETLK	IPI00166729.2	2	3.7394	0.2982	1353.57	4.68
AYLEEECPATLR	IPI00166729.2	2	4.7154	0.4897	1452.585	4.25
AYLEEECPATLRK	IPI00166729.2	2	4.1268	0.3462	1580.758	4.79
CLAYDFYPGK	IPI00166729.2	2	3.0448	0.4327	1234.375	5.83
DYIEFNK	IPI00166729.2	2	2.4655	0.11	929.0082	4.37
EIPAWVPFDPAAQITK	IPI00166729.2	2	3.8397	0.5159	1784.048	4.37
HVEDVPAFQALGSLNDLQFFR	IPI00166729.2	2	6.3932	0.6767	2404.665	4.54
QKWEAEPVYVQR	IPI00166729.2	2	2.9055	0.3361	1533.713	6.14
WEAEPVYVQR	IPI00166729.2	2	3.1149	0.2499	1277.41	4.53
YYYDGKDYIEFNK	IPI00166729.2	2	4.5463	0.5453	1718.843	4.56
AGEVQEPELR	IPI00166729.2	2	3.4473	0.1028	1128.218	4.25
EDIFMETLK	IPI00166729.2	2	2.339	0.3259	1126.305	4.14
QDPPSVVVTSHQAPGEK	IPI00166729.2	2	2.8133	0.5309	1776.929	5.32
QVEGMEDWK	IPI00166729.2	2	2.2239	0.2812	1122.234	4.14
ACDGINDCGDQSDELCC	IPI00291867.3	2	5.9959	0.6098	2118.131	3.71
ADSPMDDFFQCVNGK	IPI00291867.3	2	4.0895	0.4492	1731.859	3.93
DASGITCGGIYIGGCWILTAAHCLR	IPI00291867.3	3	4.1106	0.4429	2724.046	6.72
EMECAGTYDGSIDACK	IPI00291867.3	2	2.655	0.4292	1807.902	3.92
HGNTDSEGIVEVK	IPI00291867.3	2	4.2892	0.5811	1385.462	4.65
VFCQPWQR	IPI00291867.3	2	2.5284	0.2753	1121.267	8.22
AQLGDLPWQVAIK	IPI00291867.3	2	4.2393	0.4586	1439.684	5.88
CIEGTCVCK	IPI00291867.3	2	2.2241	0.1042	1127.252	5.98
EANVACLDLGFQQGADTQR	IPI00291867.3	2	6.5334	0.5635	2094.222	4.03
GLETSLAECTFTK	IPI00291867.3	2	5.0552	0.5585	1457.602	4.53
IIFHENYNAGTYQNDIALIEMK	IPI00291867.3	2	5.7669	0.5721	2598.915	4.65
TMGYQDFADVVCYTQK	IPI00291867.3	2	5.9959	0.608	1927.118	4.21
VFSLQWGEVK	IPI00291867.3	2	3.0667	0.3946	1193.376	5.97
YQIWTTVVDWIHPDLK	IPI00291867.3	2	4.7777	0.4838	2015.299	5.21
AALAAFNAQNNGSNFQLEEISR	IPI00022431.1	2	3.8171	0.4432	2366.532	4.53
CDSSPDSAEDVR	IPI00022431.1	2	3.7595	0.4649	1338.311	3.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
CDSSPDSAEDVRK	IPI00022431.1	2	3.545	0.4055	1466.484	4.23
CNLLAEK	IPI00022431.1	2	2.3488	0.1755	847.9732	5.99
EHAVEGDCDFQLLK	IPI00022431.1	2	5.0991	0.602	1661.788	4.31
FSVVYAK	IPI00022431.1	2	2.3239	0.1588	813.9635	8.59
HTLNQIDEVK	IPI00022431.1	2	4.0174	0.5151	1197.323	5.32
VWPQQPSGELFEIEIDTLETTCHVLDPTPVAR	IPI00022431.1	3	3.5219	0.2876	3680.067	4.08
AQLVPLPPSTYVEFTVSGTDCVAK	IPI00022431.1	2	5.4506	0.6413	2580.908	4.37
HTFMGVVSLGSPSGEVSHPR	IPI00022431.1	2	7.0301	0.6563	2082.329	6.92
QLKEHAVEGDCDFQLLK	IPI00022431.1	2	4.4362	0.4846	2031.249	4.75
QPNCDDPETEEAALVAIDYINQNLPWGYK	IPI00022431.1	3	5.9479	0.5715	3365.598	3.71
TVVQPSVGAAAGPVVPPCPGR	IPI00022431.1	3	5.4968	0.3542	2017.312	7.91
DVLVR	IPI00430844.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00430844.1	2	5.3138	0.5579	2210.489	5.32
HYTNPSQDVTVPCPVPPPPPCCHPR	IPI00430844.1	3	6.2957	0.4978	2911.202	6.89
KGDTFSCMVGHEALPLAFTQK	IPI00430844.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00430844.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00430844.1	3	6.6873	0.5661	3576.05	4.9
YLTWASR	IPI00430844.1	2	2.7536	0.3878	897.0126	8.75
DASGATFTWTPSSGK	IPI00430844.1	2	4.6207	0.5277	1513.59	5.84
NFPPSQDASGDLYTTSSQLTLPATQCPDGK	IPI00430844.1	3	5.6294	0.6028	3198.391	3.93
QEPSQGTTTFAVTSILR	IPI00430844.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00430844.1	2	2.1833	0.2872	818.897	4.37
VTISLDTSK	IPI00430844.1	2	2.2743	0.1268	964.0955	5.81
WLQGSQELPR	IPI00430844.1	2	3.3952	0.351	1214.356	6
DVLVR	IPI00446534.1	1	2.0105	0.1088	601.7183	5.84
GDTFSCMVGHEALPLAFTQK	IPI00446534.1	2	5.3138	0.5579	2210.489	5.32
HYTNPSQDVTVPCPVPPPPPCCHPR	IPI00446534.1	3	6.2957	0.4978	2911.202	6.89
KGDTFSCMVGHEALPLAFTQK	IPI00446534.1	3	6.711	0.6136	2338.662	6.74
SAVQGPPER	IPI00446534.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00446534.1	3	6.6873	0.5661	3576.05	4.9
YLTWASR	IPI00446534.1	2	2.7536	0.3878	897.0126	8.75
AEDTAVYYCAR	IPI00446534.1	2	2.1918	0.109	1319.396	4.37
DASGATFTWTPSSGK	IPI00446534.1	2	4.6207	0.5277	1513.59	5.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NFPPSQDASGDLYTTSSQLTLPATQCPDGK	IPI00446534.1	3	5.6294	0.6028	3198.391	3.93
QEPSQGTTTFAVTSILR	IPI00446534.1	3	4.7562	0.4145	1837.024	6
VAAEDWK	IPI00446534.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00446534.1	2	3.3952	0.351	1214.356	6
CVLFPYGGCQGNGNK	IPI00022426.1	2	3.8889	0.2797	1671.823	8.05
EDSCQLGYSAGPCMGMTSR	IPI00022426.1	2	5.2698	0.5182	2108.284	4.37
GVCEETSGAYEK	IPI00022426.1	2	3.9562	0.4433	1330.374	4.25
KEDSCQLGYSAGPCMGMTSR	IPI00022426.1	2	6.2109	0.7058	2236.457	6.05
WYNLAIGSTCPWLK	IPI00022426.1	2	5.3545	0.5461	1709.962	8.2
AFIQLWAFDAVK	IPI00022426.1	2	4.6364	0.441	1409.656	5.88
ETLLQDFR	IPI00022426.1	2	2.9598	0.2134	1022.137	4.37
EYCGVPGDGDEELLR	IPI00022426.1	2	3.7895	0.5342	1709.786	3.83
GECVPGEQEPEPILIPR	IPI00022426.1	2	5.1174	0.4008	1921.134	4.09
KGVCEETSGAYEK	IPI00022426.1	2	3.8148	0.3866	1458.546	4.79
MTVSTLVLGEGATEAEISMTSTR	IPI00022426.1	2	3.4685	0.4897	2385.699	4.25
TVAACNLPIVR	IPI00022426.1	2	4.0144	0.2979	1214.434	7.91
VVAQGVGIPEDSIFTMAD	IPI00022426.1	2	5.5613	0.5769	2006.269	4.03
DVLVR	IPI00061977.1	1	2.0105	0.1088	601.7183	5.84
SAVQGPPDR	IPI00061977.1	2	2.8134	0.2248	926.9971	5.55
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00061977.1	3	6.6873	0.5661	3576.05	4.9
TFTCTAAYPESK	IPI00061977.1	2	4.3767	0.5266	1376.487	5.66
TPLTATLSK	IPI00061977.1	2	2.6135	0.2846	932.0967	8.41
YLTWASR	IPI00061977.1	2	2.7536	0.3878	897.0126	8.75
DASGVTFTWTPSSGK	IPI00061977.1	2	5.8559	0.5056	1541.644	5.84
NFPPSQDASGDLYTTSSQLTLPATQCLAGK	IPI00061977.1	3	6.2886	0.6577	3170.424	4.21
QEPSQGTTTFAVTSILR	IPI00061977.1	3	4.7562	0.4145	1837.024	6
SDDTAVYYCAR	IPI00061977.1	2	4.412	0.5277	1321.368	4.21
VAAEDWK	IPI00061977.1	2	2.1833	0.2872	818.897	4.37
WLQGSQELPR	IPI00061977.1	2	3.3952	0.351	1214.356	6
DPEGLFLQDNIVAEFSVDETGQMSATAK	IPI00022420.3	2	2.1752	0.2136	3014.267	3.71
GNDDHWIVDTDYDTYAVQYSCR	IPI00022420.3	2	6.1868	0.6838	2694.757	3.97
KDPEGLFLQDNIVAEFSVDETGQMSATAK	IPI00022420.3	3	7.5939	0.6636	3142.44	4.02
MKYWGVASFLQK	IPI00022420.3	3	3.7854	0.2892	1458.752	9.7
YWGVASFLQK	IPI00022420.3	2	3.4004	0.4323	1199.382	8.59
DPNGLPPEAQK	IPI00022420.3	2	3.8238	0.3589	1166.266	4.37
FSGTWYAMAK	IPI00022420.3	2	2.71	0.3851	1162.342	8.59
LIVHNGYCDGR	IPI00022420.3	2	3.3489	0.4023	1304.431	6.73
LLNLDGTCADSYSFVFSR	IPI00022420.3	2	6.6523	0.6134	2066.25	4.21

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LLNNWDVCADMVGTFTDTEDPAK	IPI00022420.3	2	6.2418	0.5813	2613.832	3.71
QEELCLAR	IPI00022420.3	2	2.3937	0.3118	1019.128	4.53
QRQEELCLAR	IPI00022420.3	3	3.5837	0.2759	1303.444	6.14
LEEQAQQIR	IPI00021842.1	2	3.5631	0.1164	1115.222	4.53
SELEEQLTPVAEETR	IPI00021842.1	2	5.478	0.4944	1731.84	3.98
SWFEPLVEDMQR	IPI00021842.1	2	4.0937	0.3431	1537.722	4.14
VEQAVETEPEPELR	IPI00021842.1	2	2.4988	0.3705	1626.747	3.98
VQAAVGTSAAPVPSDNH	IPI00021842.1	2	4.5523	0.5695	1621.734	5.08
AATVGSLAGQPLQER	IPI00021842.1	2	3.8466	0.4713	1498.667	6.05
AKLEEQAQQIR	IPI00021842.1	3	4.4092	0.1697	1314.473	6.19
GEVQAMLGQSTEELR	IPI00021842.1	2	4.7307	0.463	1648.821	4.25
LAVYQAGAR	IPI00021842.1	2	2.7934	0.2612	949.089	8.75
LGADMEDVCGR	IPI00021842.1	2	3.5142	0.2926	1223.333	4.03
LGPLVEQGR	IPI00021842.1	2	3.0379	0.2548	969.1202	6
WVQTLSEQVQEELLSSQVTQELR	IPI00021842.1	2	5.0064	0.6044	2731.996	4.09
FAFNLYR	IPI00292950.3	2	2.7056	0.4594	931.0722	8.75
GGETAQSADPQWEQLNN	IPI00292950.3	2	5.7582	0.4916	1974.035	4.14
GPLDQLEK	IPI00292950.3	2	2.3102	0.2637	900.0115	4.37
HQGTITVNEEGTQATTVTTVGFMPLSTQVR	IPI00292950.3	3	3.3616	0.3262	3205.546	5.4
NGNMAGISDQR	IPI00292950.3	2	2.4239	0.2637	1163.247	5.84
NYNLVESLK	IPI00292950.3	2	2.8912	0.3061	1080.216	6
TLEAQLTPR	IPI00292950.3	2	2.8523	0.2724	1029.172	5.66
YEITTIHNLFR	IPI00292950.3	2	3.1083	0.4854	1407.599	6.75
EYYFAEAQIADFSDPAFIS	IPI00292950.3	2	3.5358	0.4177	2313.503	3.92
MLFDKNGNMAGISDQR	IPI00292950.3	3	3.0584	0.3559	1798.038	5.71
SVNDLYIQK	IPI00292950.3	2	3.1877	0.3369	1080.216	5.55
TSCLLFMGR	IPI00292950.3	2	3.523	0.4984	1085.296	7.91
AAPSVTLFPPSSEELQAN	IPI00550162.2	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00550162.2	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00550162.2	2	5.7829	0.6425	2212.566	5.87
DNERPSGIPER	IPI00550162.2	3	3.3594	0.2813	1270.334	4.68
LTVLGQPK	IPI00550162.2	2	2.474	0.3326	856.045	8.75
QSNNKYAASSYLSLTPEQWK	IPI00550162.2	2	4.7051	0.5754	2316.512	8.43
QYAYWYQQKPGQAPVLVIYK	IPI00550162.2	3	3.1703	0.2471	2444.814	9.31
YAASSYLSLTPEQWK	IPI00550162.2	2	6.1299	0.5232	1744.925	6
YAASSYLSLTPEQWKSH	IPI00550162.2	3	3.963	0.4732	2097.316	8.44
ITCSGDALPK	IPI00550162.2	2	2.7797	0.3117	1062.193	5.83
SYSCQVTHEGSTVEK	IPI00550162.2	2	5.5163	0.559	1712.79	5.38
ATPPMLDSDGSFFLYSK	IPI00470798.2	2	2.2742	0.3588	1877.107	4.21
GFYPSDIAVEWESNGQPENNYK	IPI00470798.2	2	5.3647	0.5577	2545.658	4

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
GLPAPIEK	IPI00470798.2	1	2.0416	0.3748	824.9878	6
GPSVFPLAPCSR	IPI00470798.2	2	3.5046	0.3555	1288.471	8.25
GQPREPQVYTLPPSR	IPI00470798.2	2	3.1456	0.2529	1725.93	8.75
NQVSLTCLVK	IPI00470798.2	2	3.5262	0.3362	1162.355	8.22
EPQVYTLPPSR	IPI00470798.2	2	2.6967	0.3666	1287.446	6.1
STSESTAALGCLVK	IPI00470798.2	2	4.5555	0.4595	1424.573	5.72
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK	IPI00470798.2	3	4.3497	0.4609	3800.133	4.43
VVSVLTVVHQDWLNGK	IPI00470798.2	2	4.9297	0.5229	1795.075	6.71
VVSVLTVVHQDWLNGKEYK	IPI00470798.2	3	4.3455	0.5225	2215.537	6.72
CDPTEVELDNQIVTATQSNICDEDSATETCYTYDR	IPI00178926.1	3	7.178	0.6465	4116.208	3.51
CYTAVVPLVYGGETK	IPI00178926.1	2	5.0485	0.5986	1657.882	5.99
KCDPTEVELDNQIVTATQSNICDEDSATETCYTYDR	IPI00178926.1	3	8.1493	0.6025	4244.38	3.76
MVETALTPDACYPD	IPI00178926.1	2	4.424	0.4547	1583.736	3.77
FVYHLSDLCK	IPI00178926.1	2	3.8872	0.3629	1282.463	6.73
FVYHLSDLCKK	IPI00178926.1	2	4.1252	0.3162	1410.636	8.18
IIVPLNNR	IPI00178926.1	1	2.1983	0.2052	939.1373	9.75
IVLVDNK	IPI00178926.1	2	2.4531	0.1897	800.9662	5.84
NKCYTAVVPLVYGGETK	IPI00178926.1	3	3.9183	0.3182	1900.158	8.16
SSEDPNEDIVER	IPI00178926.1	2	3.462	0.3182	1390.392	3.83
TRFVYHLSDLCK	IPI00178926.1	3	3.6505	0.3963	1539.754	7.9
ALGHLDLSGNR	IPI00022417.4	2	3.5514	0.543	1153.274	6.79
DLLLPQPDLR	IPI00022417.4	2	2.9271	0.4353	1180.379	4.21
ENQLEVLEVSWLHGLK	IPI00022417.4	2	5.1365	0.4241	1895.148	4.75
GQTLLAVAK	IPI00022417.4	2	2.3992	0.258	901.0858	8.75
LQELHLSSNGLESLSPEFLRPVPQLR	IPI00022417.4	3	5.5443	0.4892	2961.365	5.5
DGFDISGNPWICDQNLSDLYR	IPI00022417.4	2	6.0308	0.6669	2486.629	3.77
GPLQLER	IPI00022417.4	2	2.3139	0.2457	812.9371	6
NALTGLPPGLFQASATLDTLVLK	IPI00022417.4	2	4.9191	0.6593	2341.732	5.84
TLDLGENQLETLPPDLLR	IPI00022417.4	2	5.3939	0.4367	2038.288	3.92
VAAGAFQGLR	IPI00022417.4	2	3.6165	0.3462	990.1411	9.72
YLFLNGNK	IPI00022417.4	2	2.163	0.2278	969.1187	8.59
CFLAFTQTK	IPI00009028.1	2	2.9274	0.3561	1116.285	8.22
EQQALQTVCLK	IPI00009028.1	2	3.0271	0.2313	1318.495	6.09
NWETEITAQPDGGK	IPI00009028.1	2	4.5308	0.5183	1546.62	4.14
NWETEITAQPDGGKTENCAVLSGAANGK	IPI00009028.1	3	5.1878	0.5653	2920.089	4.41
SRLDTLAQEVALLK	IPI00009028.1	2	3.8122	0.4075	1557.817	5.79
TENCAVLSGAANGK	IPI00009028.1	2	4.2432	0.482	1392.491	5.66
TFHEASEDCISR	IPI00009028.1	3	4.1787	0.2254	1452.502	4.65
CRDQLPYICQFGIV	IPI00009028.1	2	3.0211	0.3814	1770.009	5.82

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
DQLPYICQFGIV	IPI00009028.1	2	2.7918	0.4671	1453.658	3.8
GGTLSTPQTGSENDALYEYLR	IPI00009028.1	2	5.2862	0.5483	2273.399	4.14
LDTLAQEVALLK	IPI00009028.1	2	4.5588	0.4407	1314.553	4.37
AEQCCEETASSISLHGK	IPI00022395.1	3	3.9746	0.3843	1908.001	4.75
FEGIACEISK	IPI00022395.1	2	2.4701	0.2758	1154.289	4.53
LSPIYNLVPVK	IPI00022395.1	2	2.5633	0.2956	1243.52	8.59
TSNFNAAISLK	IPI00022395.1	2	2.8586	0.2567	1166.309	8.41
AIEDYINEFSVR	IPI00022395.1	2	4.5013	0.5033	1456.582	4.14
GTVIDVTDFVNWASSINDAPVLISQK	IPI00022395.1	2	4.8647	0.6142	2791.105	3.93
RPWNVASLIYETK	IPI00022395.1	2	3.462	0.3504	1577.809	8.59
RQCVPTEPCEDAEDDCGNDFQCSTGR	IPI00022395.1	3	5.9654	0.5618	3105.119	3.9
SIEVFGQFNGK	IPI00022395.1	2	2.2182	0.1909	1226.363	5.72
TEHYEEQIEAFK	IPI00022395.1	3	3.4235	0.2989	1524.613	4.48
VVEESELAR	IPI00022395.1	2	3.4772	0.4081	1032.13	4.25
AMAVEDIISR	IPI00011252.1	2	3.2909	0.2335	1105.291	4.37
FGGTICSGDIWDQASCSSSTTCVR	IPI00011252.1	2	3.7214	0.6065	2653.778	4.21
INVGGGLSGDHCK	IPI00011252.1	2	3.1851	0.4203	1314.424	6.73
MESLGITSR	IPI00011252.1	2	2.7215	0.2283	994.1484	5.75
YNPVVIDFEMQPIHEVLR	IPI00011252.1	2	5.0099	0.5617	2200.546	4.65
AIDEDCSQYEPIPGSQK	IPI00011252.1	2	4.8935	0.4709	1938.032	3.92
ALDQYLMEFNACR	IPI00011252.1	2	4.6435	0.5389	1631.828	4.37
CGPCFNNGVPILEGTSCR	IPI00011252.1	2	3.032	0.4566	2039.216	5.98
ECDNPAPQNGGASCPGR	IPI00011252.1	2	3.4716	0.5635	1787.814	4.37
HLVCNGDQDCLDGSDEDDCEDVR	IPI00011252.1	3	5.7104	0.4486	2724.682	3.69
LGSLGAACEQTQTEGAK	IPI00011252.1	2	4.1733	0.4854	1721.842	4.53
CFSSDFMAYDIACDR	IPI00162735.3	2	3.451	0.3948	1858.994	3.93
GDECQLCEVENR	IPI00162735.3	2	3.934	0.458	1509.545	4
IQVQTEQ	IPI00162735.3	1	2.3143	0.1678	845.9207	4
LTLTPWVGLR	IPI00162735.3	2	2.7605	0.2961	1156.402	9.75
IMQSSQSMSK	IPI00162735.3	2	2.2003	0.1593	1127.318	8.75
LADDLYR	IPI00162735.3	2	2.2468	0.2771	865.9536	4.21
LTGSSGFVTDGPGNYK	IPI00162735.3	2	4.8724	0.6142	1600.711	5.84
SCALDQNCQWEPR	IPI00162735.3	2	3.5148	0.3457	1664.745	4.37
SEAACLAAGPGIR	IPI00162735.3	2	2.7199	0.2811	1273.415	5.72
YDVDTQMWTILK	IPI00162735.3	2	2.8271	0.3717	1513.74	4.21
YYTAINFVATPDEQNR	IPI00162735.3	2	3.0127	0.2645	1903.041	4.37
ASLENSLEETK	IPI00384444.4	2	2.7843	0.3131	1221.297	4.25
DAEEWFFTK	IPI00384444.4	2	2.3792	0.2629	1173.255	4.14
GSCGIGGGIGGGSSR	IPI00384444.4	2	2.5272	0.1857	1279.336	8.25
VTMQNLNDR	IPI00384444.4	2	3.0496	0.3349	1091.224	5.81
ALEEANADLEVK	IPI00384444.4	2	2.4546	0.2667	1302.413	4
APSTYGGGLSVSSSR	IPI00384444.4	2	2.5419	0.4908	1426.514	8.79

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
EVATNSELVQSGK	IPI00384444.4	2	3.6561	0.4872	1362.468	4.53
ISSVLAGGSCR	IPI00384444.4	2	2.6532	0.2738	1107.237	8.25
LAADDFR	IPI00384444.4	2	2.3435	0.3009	807.8742	4.21
LLEGEDAHLSSSQFSSGSQSSR	IPI00384444.4	3	3.0968	0.3946	2310.378	4.65
VLDELTLAR	IPI00384444.4	2	3.2408	0.3974	1030.2	4.37
DSTYSLSSTLTLSK	IPI00549747.2	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00549747.2	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00549747.2	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00549747.2	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00549747.2	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00549747.2	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00549747.2	2	5.6557	0.592	1877.082	6.71
FSGSGSGTDFTLTISR	IPI00549747.2	2	5.2773	0.5564	1633.741	5.84
LLIYGVSSR	IPI00549747.2	2	2.5914	0.3571	1008.196	8.75
TVAAPSVFIFPPSDEQLK	IPI00549747.2	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00430808.1	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00430808.1	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00430808.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00430808.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00430808.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00430808.1	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00430808.1	2	5.6557	0.592	1877.082	6.71
YLAWYQQKPGQAPR	IPI00430808.1	2	4.0779	0.4181	1706.928	9.7
FSGSGSGTDFTLTISR	IPI00430808.1	2	5.2773	0.5564	1633.741	5.84
TVAAPSVFIFPPSDEQLK	IPI00430808.1	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00441043.1	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00441043.1	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00441043.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00441043.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00441043.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00441043.1	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00441043.1	2	5.6557	0.592	1877.082	6.71
FSGSGSGTDFTLTITR	IPI00441043.1	2	3.4392	0.2735	1647.768	5.84
LLIYGASSR	IPI00441043.1	2	3.311	0.2645	980.143	8.75
TVAAPSVFIFPPSDEQLK	IPI00441043.1	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00419424.3	2	4.7737	0.3464	1503.634	5.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
HKVYACEVTHQGLSSPVTK	IPI00419424.3	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00419424.3	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00419424.3	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00419424.3	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00419424.3	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00419424.3	2	5.6557	0.592	1877.082	6.71
FSGSGSGTDFTLK	IPI00419424.3	2	4.1674	0.5585	1304.387	5.84
FSGSGSGTDFTLKISR	IPI00419424.3	2	4.3631	0.4877	1660.81	8.75
TVAAPSVFIFPPSDEQLK	IPI00419424.3	2	5.353	0.5844	1947.22	4.37
APKLLIYAASSLQSGVPS	IPI00430847.1	2	3.2792	0.242	1959.279	9.99
DSTYSLSSTLTLSK	IPI00430847.1	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00430847.1	3	5.2439	0.4971	2142.394	8.19
LLIYAASSLQSGVPSR	IPI00430847.1	2	4.2415	0.3683	1662.912	8.75
RTVAAPSVFIFPPSDEQLK	IPI00430847.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00430847.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00430847.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00430847.1	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00430847.1	2	5.6557	0.592	1877.082	6.71
TVAAPSVFIFPPSDEQLK	IPI00430847.1	2	5.353	0.5844	1947.22	4.37
APNLLIYAASSLQSGVPS	IPI00430839.1	2	3.7172	0.385	1945.209	8.79
DSTYSLSSTLTLSK	IPI00430839.1	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00430839.1	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00430839.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00430839.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00430839.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00430839.1	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00430839.1	2	5.6557	0.592	1877.082	6.71
FSGSGSGTDFTLTISSLR	IPI00430839.1	2	2.6977	0.1985	1833.977	5.84
TVAAPSVFIFPPSDEQLK	IPI00430839.1	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00440577.1	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00440577.1	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00440577.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00440577.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00440577.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00440577.1	3	7.8148	0.6589	3621.773	4.11

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VYACEVTHQGLSSPVTK	IPI00440577.1	2	5.6557	0.592	1877.082	6.71
FSGSGAGTDFTLK	IPI00440577.1	2	3.2338	0.4651	1288.388	5.84
TVAAPSVFIFPPSDEQLK	IPI00440577.1	2	5.353	0.5844	1947.22	4.37
VEAEDVGVYYCMQVSHFPR	IPI00440577.1	2	2.1676	0.1935	2287.53	4.65
DSTYSLSSTLTLSK	IPI00448707.3	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00448707.3	3	5.2439	0.4971	2142.394	8.19
LLIYDASR	IPI00448707.3	2	2.5272	0.2551	951.1017	5.84
LLIYDASRLESGVPSR	IPI00448707.3	2	3.2051	0.3482	1777.015	6.07
RTVAAPSVFIFPPSDEQLK	IPI00448707.3	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00448707.3	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00448707.3	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00448707.3	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00448707.3	2	5.6557	0.592	1877.082	6.71
TVAAPSVFIFPPSDEQLK	IPI00448707.3	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00472961.2	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00472961.2	3	5.2439	0.4971	2142.394	8.19
RLIFAASSLQSGVPSR	IPI00472961.2	2	2.7794	0.2058	1689.941	12
RTVAAPSVFIFPPSDEQLK	IPI00472961.2	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00472961.2	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00472961.2	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00472961.2	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00472961.2	2	5.6557	0.592	1877.082	6.71
NDLGWYQQKPGK	IPI00472961.2	2	3.068	0.3517	1434.581	8.5
TVAAPSVFIFPPSDEQLK	IPI00472961.2	2	5.353	0.5844	1947.22	4.37
AAPSVTLFPPSSEELQAN	IPI00386158.3	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00386158.3	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00386158.3	2	5.7829	0.6425	2212.566	5.87
LTVLSQPK	IPI00386158.3	2	2.6826	0.3322	886.0711	8.75
QSNNKYAASSYLSLTPEQWK	IPI00386158.3	2	4.7051	0.5754	2316.512	8.43
SGTSASLAISGLR	IPI00386158.3	2	3.693	0.3309	1220.358	9.47
YAASSYLSLTPEQWK	IPI00386158.3	2	6.1299	0.5232	1744.925	6
YAASSYLSLTPEQWKSH	IPI00386158.3	3	3.963	0.4732	2097.316	8.44
SYSCQVTHEGSTVEK	IPI00386158.3	2	5.5163	0.559	1712.79	5.38
VTISCSGSR	IPI00386158.3	2	2.5434	0.4598	967.053	8.22
AAPSVTLFPPSSEELQAN	IPI00555945.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00555945.1	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00555945.1	2	5.7829	0.6425	2212.566	5.87

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LLIYSNNQR	IPI00555945.1	2	2.2704	0.2805	1121.272	8.75
LLIYSNNQRPSGVPDR	IPI00555945.1	3	3.2911	0.3701	1830.038	8.75
LTVLSQPK	IPI00555945.1	2	2.6826	0.3322	886.0711	8.75
QSNNKYAASSYLSLTPEQWK	IPI00555945.1	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00555945.1	2	6.1299	0.5232	1744.925	6
YAASSYLSLTPEQWKSH	IPI00555945.1	3	3.963	0.4732	2097.316	8.44
SYSCQVTHEGSTVEK	IPI00555945.1	2	5.5163	0.559	1712.79	5.38
EQLGEFYEALDCLR	IPI00022429.3	2	5.1923	0.581	1743.889	4
NWGLSVYADKPETTK	IPI00022429.3	2	5.1244	0.4319	1709.881	6.07
NWGLSVYADKPETTKEQLGEFYEALDCLR	IPI00022429.3	3	7.278	0.6749	3434.747	4.36
SDVVYTDWK	IPI00022429.3	2	3.6455	0.4236	1113.202	4.21
SDVVYTDWKK	IPI00022429.3	2	3.5101	0.4428	1241.375	5.68
TEDTIFLR	IPI00022429.3	2	3.2006	0.4338	995.1113	4.37
TYMLAFDVNDEK	IPI00022429.3	2	4.736	0.516	1446.607	4.03
TYMLAFDVNDEKNWGLSVYADKPETTK	IPI00022429.3	3	6.8227	0.6324	3137.465	4.44
WFYIASAFR	IPI00022429.3	2	3.8742	0.4094	1161.336	8.75
YVGGQEHFAHLLILR	IPI00022429.3	2	5.5973	0.4854	1754.028	6.92
AADDTWEPFASGK	IPI00022432.1	2	4.8273	0.4833	1395.455	4.03
ALGISPFHEHAEVVFTANDSGPR	IPI00022432.1	2	6.4823	0.6141	2452.667	5.28
TSESGELHGLTTEEEFVEGIYK	IPI00022432.1	3	7.4108	0.5845	2456.601	4.2
TSESGELHGLTTEEEFVEGIYKVEIDTK	IPI00022432.1	3	6.4972	0.6507	3142.37	4.21
GSPAINVAVHVFR	IPI00022432.1	2	4.2242	0.5209	1367.581	9.76
KAADDTWEPFASGK	IPI00022432.1	2	5.1836	0.6181	1523.628	4.56
RYTIAALLSPYSYSTTAVVTNPK	IPI00022432.1	2	5.9584	0.6574	2517.862	9.53
RYTIAALLSPYSYSTTAVVTNPKE	IPI00022432.1	2	6.6101	0.6344	2646.976	8.43
YTIAALLSPYSYSTTAVVTNPK	IPI00022432.1	2	5.8835	0.5618	2361.675	8.43
YTIAALLSPYSYSTTAVVTNPKE	IPI00022432.1	2	6.3551	0.61	2490.79	6.22
DTLMISR	IPI00550640.2	2	2.5715	0.2015	835.9925	5.84
GFYPSDIAVEWESNGQPENNYK	IPI00550640.2	2	5.3647	0.5577	2545.658	4
GPSVFPLAPCSR	IPI00550640.2	2	3.5046	0.3555	1288.471	8.25
NQVSLTCLVK	IPI00550640.2	2	3.5262	0.3362	1162.355	8.22
TTPPVLDSDGSFFLYSR	IPI00550640.2	2	4.0985	0.5618	1903.081	4.21
YGPPCPSCPAPEFLGGPSVFLFPPKPK	IPI00550640.2	3	5.1385	0.5808	2945.389	8.03
STSESTAALGCLVK	IPI00550640.2	2	4.5555	0.4595	1424.573	5.72

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAK	IPI00550640.2	3	3.8959	0.423	3791.08	3.95
VVSVLTVLHQDWLNGK	IPI00550640.2	2	5.9579	0.5974	1809.102	6.71
VVSVLTVLHQDWLNGKEYK	IPI00550640.2	3	5.0155	0.5185	2229.563	6.72
AFLEVNEEGSEAAASTAVVIAGR	IPI00165421.3	2	7.7452	0.6128	2292.488	4.09
ANRPFLVFIR	IPI00165421.3	3	3.9141	0.2801	1233.49	12
ATEDEGSEQKIPEATNR	IPI00165421.3	2	5.2598	0.4651	1875.929	4.25
FDTISEK	IPI00165421.3	2	2.3326	0.1872	839.913	4.37
KATEDEGSEQKIPEATNR	IPI00165421.3	3	4.8101	0.3067	2004.102	4.59
NDNDNIFLSPLSISTAFAMTK	IPI00165421.3	2	6.6476	0.5781	2300.574	4.21
TSDQIHFFFAK	IPI00165421.3	2	3.6096	0.4511	1341.496	6.41
DIPMNPMCIYR	IPI00165421.3	2	3.9327	0.4946	1410.681	5.83
EVPLNTIIFMGR	IPI00165421.3	2	3.6066	0.4733	1390.676	6.1
FATTFYQHLADSK	IPI00165421.3	2	4.2969	0.3896	1529.678	6.74
AFYPSDIAVEWESNGQPENNYK	IPI00426069.1	2	2.7598	0.2972	2559.685	4
DTLMISR	IPI00426069.1	2	2.5715	0.2015	835.9925	5.84
GPSVFPLAPCSR	IPI00426069.1	2	3.5046	0.3555	1288.471	8.25
NQVSLTCLVK	IPI00426069.1	2	3.5262	0.3362	1162.355	8.22
TTPPVLDSDGSFFLYSR	IPI00426069.1	2	4.0985	0.5618	1903.081	4.21
YGPPCPSCPAPEFLGGPSVFLFPPKPK	IPI00426069.1	3	5.1385	0.5808	2945.389	8.03
STSESTAALGCLVK	IPI00426069.1	2	4.5555	0.4595	1424.573	5.72
TPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAK	IPI00426069.1	3	3.8959	0.423	3791.08	3.95
VVSVLTVVHQDWLNGK	IPI00426069.1	2	4.9297	0.5229	1795.075	6.71
VVSVLTVVHQDWLNGKEYK	IPI00426069.1	3	4.3455	0.5225	2215.537	6.72
CQCDELCSYYQSCCTDYTAECKPQVTR	IPI00298971.1	3	6.5168	0.6818	3484.642	4.32
DVWGIEGPIDAAFTR	IPI00298971.1	2	4.9443	0.5124	1647.813	4.03
DWHGVPGQVDAAMAGR	IPI00298971.1	3	5.4159	0.4655	1667.831	5.21
FEDGVLDPDYPR	IPI00298971.1	2	4.3199	0.4742	1423.509	3.84
GQYCYELDEK	IPI00298971.1	2	3.942	0.3909	1305.366	4.14
IYISGMAPR	IPI00298971.1	2	3.3137	0.2751	1008.22	8.75
IYISGMAPRPSLAK	IPI00298971.1	2	3.5397	0.4105	1504.823	9.99
MDWLVPATCEPIQSVFFFSGDK	IPI00298971.1	2	4.6189	0.6021	2575.913	4.03
SIAQYWLGCPAPGHL	IPI00298971.1	2	4.827	0.5918	1670.886	6.45
VDTVDPPYPR	IPI00298971.1	2	3.0001	0.2932	1159.273	4.21
ISNIPDEYFK	IPI00020986.2	2	3.3229	0.3135	1226.36	4.37
NIPTVNENLENYYLEVNQLEK	IPI00020986.2	2	6.2388	0.5724	2537.764	4.09
RFNALQYLR	IPI00020986.2	2	3.2535	0.3125	1181.372	10.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
SLEDLQLTHNK	IPI00020986.2	2	3.5839	0.4204	1298.428	5.3
SLEYLDLSFNQIAR	IPI00020986.2	2	4.69	0.4636	1669.86	4.37
FNALQYLR	IPI00020986.2	2	3.075	0.2758	1025.186	8.75
ISETSLPPDMYECLR	IPI00020986.2	2	3.7948	0.4649	1812.028	4.14
LKEDAVSAAFK	IPI00020986.2	2	3.3648	0.4805	1179.348	6.07
LPSGLPVSLLTLYLDNNK	IPI00020986.2	2	6.5514	0.5312	1958.287	5.84
NNQIDHIDEK	IPI00020986.2	2	2.2204	0.194	1226.278	4.54
ALQDQLVLVAAK	IPI00032220.3	2	4.2247	0.4481	1269.516	5.88
DPTFIPAPIQAK	IPI00032220.3	2	3.0886	0.4215	1298.512	5.84
QPFVQGLALYTPVVLPR	IPI00032220.3	2	5.2366	0.5211	1899.268	8.75
VEGLTFQQNSLNWMK	IPI00032220.3	2	4.7982	0.4947	1796.04	5.97
VLSALQAVQGLLVAQGR	IPI00032220.3	2	5.446	0.5583	1724.042	9.72
AAMVGMLANFLGFR	IPI00032220.3	3	4.2489	0.5238	1498.842	9.8
ADSQAQLLLSTVVGVFT APGLHLK	IPI00032220.3	2	5.0531	0.6536	2466.861	6.79
FMQAVTGWK	IPI00032220.3	2	3.0327	0.3823	1068.274	8.75
SLDFTELDVAAEK	IPI00032220.3	2	5.0077	0.5667	1438.562	3.92
VGEVLNSIFFELEADER	IPI00032220.3	2	5.7119	0.5593	1968.153	3.91
DVDECSLKPSICGTAVCK	IPI00294004.1	3	3.9189	0.4277	2040.239	4.56
IETISHEDLQR	IPI00294004.1	2	3.2864	0.3548	1341.452	4.65
ITTGGDVINNGLWNMVS VEELEHSISIK	IPI00294004.1	3	3.9917	0.3509	3057.425	4.4
SCEVVSVCLPLNLDTK	IPI00294004.1	2	4.1696	0.3169	1835.076	4.37
SQDILLSVENTVIYR	IPI00294004.1	2	5.7163	0.5084	1750.974	4.37
VYFAGFPR	IPI00294004.1	2	2.6649	0.3897	957.1096	8.72
EVFENDPETDYFYPK	IPI00294004.1	3	2.9241	0.1135	1893.983	3.83
NNLELSTPLK	IPI00294004.1	2	2.8905	0.1381	1129.289	6
QSTNAYPDLR	IPI00294004.1	2	2.3137	0.3349	1165.238	5.84
SFQTGLFTAAR	IPI00294004.1	2	3.0721	0.3569	1199.341	9.47
ANFDAQQFAGTWLLVA VGSACR	IPI00011261.1	2	2.6967	0.3778	2383.641	5.87
LDGICWQVR	IPI00011261.1	2	2.4846	0.2968	1147.303	5.83
YGFCEAADQFHVLDEVR	IPI00011261.1	2	5.6519	0.4817	2057.202	4.31
AEATTLHVAPQGTAMAV STFR	IPI00011261.1	3	4.2019	0.5034	2160.44	6.79
FLQEQGHR	IPI00011261.1	2	2.397	0.1478	1015.108	6.75
GAVHVVVAETDYQSFAV LYLER	IPI00011261.1	2	3.2922	0.4501	2467.761	4.65
KLDGICWQVR	IPI00011261.1	3	3.3698	0.1985	1275.475	8.22
QLYGDTGVLGR	IPI00011261.1	2	2.3954	0.3824	1179.308	5.84
SLPVSDSVLSGFEQR	IPI00011261.1	2	5.289	0.5738	1621.773	4.37
VQEAHLTEDQIFYFPK	IPI00011261.1	2	5.3314	0.6139	1966.182	4.65
FYAAGLVSWGPQCGTYG LYTR	IPI00017696.1	2	2.8203	0.4388	2368.625	8.17
GDSGGAFAVQDPNDK	IPI00017696.1	2	2.7396	0.2076	1478.503	3.93
SNALDIIFQTDLTGQK	IPI00017696.1	2	4.4993	0.4731	1764.958	4.21
VEDPESTLFGSVIR	IPI00017696.1	2	2.7751	0.4117	1549.707	4.14

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
DVVQITCLDGFEVVEGR	IPI00017696.1	2	3.1198	0.2391	1937.134	3.92
EDFDVEAADSAGNCLDSLVFVAGDR	IPI00017696.1	2	2.1841	0.439	2673.778	3.57
EPTMYVGSTSVQTSR	IPI00017696.1	3	3.5405	0.3827	1643.801	6.1
REDFDVEAADSAGNCLDSLVFVAGDR	IPI00017696.1	3	3.3298	0.346	2829.964	3.85
SSNNPHSPIVEEFQVPYN	IPI00017696.1	3	3.1884	0.2749	2187.354	5.38
TNFDNDIALVR	IPI00017696.1	2	2.4754	0.1878	1278.396	4.21
AQWANPFDPSK	IPI00292946.1	2	2.7494	0.4214	1261.368	5.88
EGQMESVEAAMSSK	IPI00292946.1	2	3.9682	0.6178	1484.636	4.25
FSISATYDLGATLLK	IPI00292946.1	2	2.4863	0.159	1600.837	5.84
GTEAAAVPEVELSDQPENTFLHPIIQIDR	IPI00292946.1	3	4.3808	0.5784	3191.494	4.08
GWVDLFVPK	IPI00292946.1	2	2.5708	0.1153	1061.258	5.84
MGIQHAYSENADFSGLTEDNGLK	IPI00292946.1	3	4.8444	0.4341	2498.668	4.31
MSSINADFAFNLYR	IPI00292946.1	2	2.4539	0.3306	1649.852	5.59
NALALFVLPK	IPI00292946.1	2	3.7006	0.4029	1086.352	8.75
TEDSSSFLIDK	IPI00292946.1	2	2.7302	0.3744	1242.314	4.03
SFMLLILER	IPI00292946.1	2	2.6707	0.207	1122.406	5.72
DSTYSLSSTLTLSK	IPI00550315.1	2	4.7737	0.3464	1503.634	5.84
HKLYACEVTHQGLSSPVTK	IPI00550315.1	3	5.3579	0.5464	2156.421	8.19
LLIYDASNLETGVPLR	IPI00550315.1	2	2.7645	0.3367	1775.039	4.37
LYACEVTHQGLSSPVTK	IPI00550315.1	2	5.8079	0.5654	1891.108	6.74
RTVAAPSVFIFPPSDEQLK	IPI00550315.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00550315.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00550315.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00550315.1	3	7.8148	0.6589	3621.773	4.11
TVAAPSVFIFPPSDEQLK	IPI00550315.1	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00430848.3	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00430848.3	3	5.2439	0.4971	2142.394	8.19
RTVAAPSVFIFPPSDEQLK	IPI00430848.3	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00430848.3	2	5.3705	0.5499	1799.014	7.94
SLIYATSSLHSGVPSR	IPI00430848.3	2	2.7389	0.1472	1675.868	8.49
VDNALQSGNSQESVTEQDSK	IPI00430848.3	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00430848.3	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00430848.3	2	5.6557	0.592	1877.082	6.71
TVAAPSVFIFPPSDEQLK	IPI00430848.3	2	5.353	0.5844	1947.22	4.37
AAPSVTLFPPSSEELQAN	IPI00412608.2	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00412608.2	2	3.4747	0.3742	991.0778	6.05

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ATLVCLISDFYPGAVTVAWK	IPI00412608.2	2	5.7829	0.6425	2212.566	5.87
LTVLGQPK	IPI00412608.2	2	2.474	0.3326	856.045	8.75
QSNNKYAASSYLSLTPEQWK	IPI00412608.2	2	4.7051	0.5754	2316.512	8.43
SGQAPVLVIYEDSK	IPI00412608.2	2	3.8091	0.5482	1506.682	4.37
YAASSYLSLTPEQWK	IPI00412608.2	2	6.1299	0.5232	1744.925	6
ITCSGDALPK	IPI00412608.2	2	2.7797	0.3117	1062.193	5.83
SYSCQVTHEGSTVEK	IPI00412608.2	2	5.5163	0.559	1712.79	5.38
AAPSVTLFPPSSEELQAN	IPI00456619.3	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00456619.3	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00456619.3	2	5.7829	0.6425	2212.566	5.87
LLIYGNSNR	IPI00456619.3	2	2.1589	0.105	1050.193	8.75
LTVLGQPK	IPI00456619.3	2	2.474	0.3326	856.045	8.75
QSNNKYAASSYLSLTPEQWK	IPI00456619.3	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00456619.3	2	6.1299	0.5232	1744.925	6
SYSCQVTHEGSTVEK	IPI00456619.3	2	5.5163	0.559	1712.79	5.38
VTISCTGSSSNIGAGYDVHWYQQLPGTAPK	IPI00456619.3	3	5.9325	0.5847	3196.466	6.7
AGVETTKPSK	IPI00477644.1	2	2.927	0.3116	1018.146	8.64
ANPTVTLFPPSSEELQAN	IPI00477644.1	2	5.5201	0.5045	2044.251	4.53
ATLVCLISDFYPGAVTVAWK	IPI00477644.1	2	5.7829	0.6425	2212.566	5.87
LLIYGNSNR	IPI00477644.1	2	2.1589	0.105	1050.193	8.75
QSNNKYAASSYLSLTPEQWK	IPI00477644.1	2	4.7051	0.5754	2316.512	8.43
VTVLGQPK	IPI00477644.1	2	2.8926	0.2681	842.0184	8.72
YAASSYLSLTPEQWK	IPI00477644.1	2	6.1299	0.5232	1744.925	6
SYSCQVTHEGSTVEK	IPI00477644.1	2	5.5163	0.559	1712.79	5.38
VTISCTGSSSNIGAGYDVHWYQQLPGTAPK	IPI00477644.1	3	5.9325	0.5847	3196.466	6.7
AGTELVNFLSYFVELGTQPATQ	IPI00021854.1	3	5.868	0.3569	2386.642	3.8
EPCVESLVSQYFQTVTDYGK	IPI00021854.1	2	6.478	0.6217	2351.545	4.14
EPCVESLVSQYFQTVTDYGKDLMEK	IPI00021854.1	2	3.8108	0.5668	2968.275	4.18
KAGTELVNFLSYFVELGTQPATQ	IPI00021854.1	2	5.9507	0.5629	2514.815	4.53
SKEQLTPLIK	IPI00021854.1	2	3.3858	0.2252	1157.385	8.31
SKEQLTPLIKK	IPI00021854.1	2	3.64	0.2612	1285.558	9.7
SPELQAEAK	IPI00021854.1	2	3.481	0.1848	973.0625	4.53
VKSPELQAEAK	IPI00021854.1	3	4.1393	0.3401	1200.367	6.11
QAKEPCVESLVSQYFQTVTDYGK	IPI00021854.1	3	5.17	0.5662	2678.925	4.68

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EQLGEFYEALDCLCIPR	IPI00020091.1	2	6.3129	0.6504	2114.328	4
NWGLSFYADKPETTK	IPI00020091.1	2	5.3164	0.6014	1757.924	6.07
TEDTIFLR	IPI00020091.1	2	3.2006	0.4338	995.1113	4.37
TLMFGSYLDDEK	IPI00020091.1	2	4.3285	0.4976	1419.582	4.03
TLMFGSYLDDEKNWGLSFYADKPETTK	IPI00020091.1	3	6.571	0.6512	3158.483	4.44
WFYIASAFR	IPI00020091.1	2	3.8742	0.4094	1161.336	8.75
EHVAHLLFLR	IPI00020091.1	2	3.3807	0.4698	1235.463	7.02
SDVMYTDWK	IPI00020091.1	2	3.4814	0.4313	1145.267	4.21
YEGGREHVAHLLFLR	IPI00020091.1	3	4.2186	0.5241	1798.041	6.92
DVLVR	IPI00423461.1	1	2.0105	0.1088	601.7183	5.84
SAVQGPPER	IPI00423461.1	2	2.6912	0.2031	941.0238	5.72
SGNTFRPEVHLLPPPSEELALNELVTLTCLAR	IPI00423461.1	3	6.6873	0.5661	3576.05	4.9
DASGATFTWTPSSGK	IPI00423461.1	2	4.6207	0.5277	1513.59	5.84
NFPPSQDASGDLYTTSSQLTLPATQCPDGK	IPI00423461.1	3	5.6294	0.6028	3198.391	3.93
SDDTAVYYCAK	IPI00423461.1	2	2.439	0.1576	1293.355	4.21
VAAEDWK	IPI00423461.1	2	2.1833	0.2872	818.897	4.37
VTMTTDTSTSTAYMELR	IPI00423461.1	2	4.1026	0.4327	1909.129	4.37
WLQGSQELPR	IPI00423461.1	2	3.3952	0.351	1214.356	6
GIETGSEDLEILPNGLAFISSGLK	IPI00555746.1	2	5.4753	0.5673	2461.75	4
IFFYDSENPPASEVLR	IPI00555746.1	2	5.8328	0.4716	1885.066	4.14
ILIGTVFHK	IPI00555746.1	2	2.6325	0.2328	1028.272	8.76
ILLMDLNEEDPTVLELGITGSK	IPI00555746.1	2	6.1746	0.5841	2401.76	3.83
SLDFNTLVDNISVDPETGDLWVGCHPNGMK	IPI00555746.1	3	3.3267	0.3346	3332.636	4.03
YVYIAELLAHK	IPI00555746.1	2	3.4586	0.4388	1320.561	6.75
EVQPVELPNCNLVK	IPI00555746.1	2	3.6012	0.2052	1639.869	4.53
IQNILTEEPK	IPI00555746.1	2	3.4104	0.1413	1185.352	4.53
VVAEGFDFANGINISPDG	IPI00555746.1	2	4.8449	0.5706	1951.126	4.03
AVLQLNEEGVDTAGSTGVTLNLTSKPIILR	IPI00027482.1	3	4.5796	0.503	3111.537	4.68
GTWTQPFDLASTR	IPI00027482.1	2	4.0654	0.4881	1480.607	5.84
HLVALSPK	IPI00027482.1	2	2.5724	0.1538	865.0552	8.76
MNTVIAALSR	IPI00027482.1	2	3.3803	0.2256	1076.296	9.5
EENFYVDETTVVK	IPI00027482.1	2	3.3478	0.4301	1573.682	4
GLASANVDFAFSLYK	IPI00027482.1	2	3.9586	0.4801	1603.8	5.84
ITQDAQLK	IPI00027482.1	2	2.4795	0.1391	917.0421	5.84
SETEIHQGFQHLHQLFAK	IPI00027482.1	3	4.4497	0.5393	2151.37	6.2
WSAGLTSSQVDLYIPK	IPI00027482.1	2	4.4132	0.5934	1765.987	5.84
ACIPTGPYPCGK	IPI00019576.1	2	3.3001	0.3193	1321.491	8.09
CKDGLGEYTCTCLEGFE	IPI00019576.1	2	4.5743	0.5916	2225.376	4.41
ETYDFDIAVLR	IPI00019576.1	2	2.5172	0.281	1342.479	4.03
MLEVPYVDR	IPI00019576.1	2	2.5005	0.1919	1122.32	4.37

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QEDACQGDSGGPHVTR	IPI00019576.1	3	3.7759	0.449	1714.726	4.54
YKDGDQCETSPCQNQGK	IPI00019576.1	3	4.4319	0.3603	2016.057	4.56
DWAESTLMTQK	IPI00019576.1	2	2.807	0.3638	1310.459	4.37
FKDTYFVTGIVSWGEGC	IPI00019576.1	2	3.2393	0.4715	2194.425	6.06
NTEQEEGGEAVHEVEVV	IPI00019576.1	3	3.0817	0.2696	2097.226	4.2
DEEVVQCLSDGWSSQPTCR	IPI00007240.1	2	2.503	0.2667	2254.341	3.92
QGYDLSPLTPLSELSVQCNR	IPI00007240.1	2	4.1996	0.5425	2278.498	4.37
SGYLLHGSNEITCNR	IPI00007240.1	3	3.8052	0.27	1721.847	6.46
TTGGKDEEVVQCLSDGWSSQPTCR	IPI00007240.1	3	4.6714	0.5214	2698.825	4.32
VACEEPPFIENGAANLHS	IPI00007240.1	3	3.1425	0.2362	2084.269	4.75
VLHGDLIDFVCK	IPI00007240.1	3	3.217	0.1591	1416.641	5.21
VQYECATGYYTAGGK	IPI00007240.1	2	4.2445	0.5196	1668.779	5.96
GDTYPAELYITGSILR	IPI00007240.1	2	3.7957	0.4124	1769.976	4.37
QEEQTTCTTEGWSPEPR	IPI00007240.1	2	4.2042	0.5569	2037.081	4.09
DSTYSLSSTLTLSK	IPI00554675.1	2	4.7737	0.3464	1503.634	5.84
FLIYAASTLQSGVPSR	IPI00554675.1	2	2.3759	0.1246	1710.955	8.75
HKVYACEVTHQGLSSPVTK	IPI00554675.1	3	5.2439	0.4971	2142.394	8.19
SGTASVVCLLNNFYPR	IPI00554675.1	2	5.3705	0.5499	1799.014	7.94
VDNALQSGNSQESVTEQDSK	IPI00554675.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00554675.1	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00554675.1	2	5.6557	0.592	1877.082	6.71
TVAAPSVFIFPPSDEQLK	IPI00554675.1	2	5.353	0.5844	1947.22	4.37
DSTYSLSSTLTLSK	IPI00550048.1	2	4.7737	0.3464	1503.634	5.84
HKVYACEVTHQGLSSPVTK	IPI00550048.1	3	5.2439	0.4971	2142.394	8.19
LLIYWASTR	IPI00550048.1	2	3.5388	0.3575	1123.329	8.75
SGTASVVCLLNNFYPR	IPI00550048.1	2	5.3705	0.5499	1799.014	7.94
SSQSVLYSSNNK	IPI00550048.1	2	4.1021	0.2987	1314.384	8.31
VDNALQSGNSQESVTEQDSK	IPI00550048.1	2	6.7824	0.6682	2137.162	3.92
VDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSK	IPI00550048.1	3	7.8148	0.6589	3621.773	4.11
VYACEVTHQGLSSPVTK	IPI00550048.1	2	5.6557	0.592	1877.082	6.71
AAPSVTLFPPSSEELQAN	IPI00154742.4	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00154742.4	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00154742.4	2	5.7829	0.6425	2212.566	5.87
LTVLGQPK	IPI00154742.4	2	2.474	0.3326	856.045	8.75
QSNNKYAASSYLSLTPEQWK	IPI00154742.4	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00154742.4	2	6.1299	0.5232	1744.925	6

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
FSGSNSGNTATLTISR	IPI00154742.4	2	4.8368	0.5197	1613.711	9.75
SYSCQVTHEGSTVEK	IPI00154742.4	2	5.5163	0.559	1712.79	5.38
AAPSVTLFPPSSEELQAN	IPI00430806.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00430806.1	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00430806.1	2	5.7829	0.6425	2212.566	5.87
LTVLSQPK	IPI00430806.1	2	2.6826	0.3322	886.0711	8.75
QSNNKYAASSYLSLTPEQWK	IPI00430806.1	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00430806.1	2	6.1299	0.5232	1744.925	6
FSGSNSGNTATLTISR	IPI00430806.1	2	4.8368	0.5197	1613.711	9.75
SYSCQVTHEGSTVEK	IPI00430806.1	2	5.5163	0.559	1712.79	5.38
AAPSVTLFPPSSEELQAN	IPI00479461.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00479461.1	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00479461.1	2	5.7829	0.6425	2212.566	5.87
LTVLGQPK	IPI00479461.1	2	2.474	0.3326	856.045	8.75
QSNNKYAASSYLSLTPEQWK	IPI00479461.1	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00479461.1	2	6.1299	0.5232	1744.925	6
YACWYQQKPGQSPVLVIYQDSK	IPI00479461.1	3	3.2742	0.3176	2659.97	8.14
SYSCQVTHEGSTVEK	IPI00479461.1	2	5.5163	0.559	1712.79	5.38
AAPSVTLFPPSSEELQAN	IPI00384931.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00384931.1	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00384931.1	2	5.7829	0.6425	2212.566	5.87
QSNNKYAASSYLSLTPEQWK	IPI00384931.1	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00384931.1	2	6.1299	0.5232	1744.925	6
YAASSYLSLTPEQWKSH	IPI00384931.1	3	3.963	0.4732	2097.316	8.44
FSGSNSGNTATLSISR	IPI00384931.1	2	3.7651	0.5382	1599.685	9.75
SYSCQVTHEGSTVEK	IPI00384931.1	2	5.5163	0.559	1712.79	5.38
AGVETTKPSK	IPI00430823.1	2	2.927	0.3116	1018.146	8.64
ANPTVTLFPPSSEELQAN	IPI00430823.1	2	5.5201	0.5045	2044.251	4.53
ATLVCLISDFYPGAVTVAWK	IPI00430823.1	2	5.7829	0.6425	2212.566	5.87
QSNNKYAASSYLSLTPEQWK	IPI00430823.1	2	4.7051	0.5754	2316.512	8.43
VTVLGQPK	IPI00430823.1	2	2.8926	0.2681	842.0184	8.72
YAASSYLSLTPEQWK	IPI00430823.1	2	6.1299	0.5232	1744.925	6
ITCQGDSLR	IPI00430823.1	2	2.7436	0.2	1050.142	5.83
SYSCQVTHEGSTVEK	IPI00430823.1	2	5.5163	0.559	1712.79	5.38
AGVETTKPSK	IPI00553170.1	2	2.927	0.3116	1018.146	8.64
ANPTVTLFPPSSEELQAN	IPI00553170.1	2	5.5201	0.5045	2044.251	4.53
ATLVCLISDFYPGAVTVAWK	IPI00553170.1	2	5.7829	0.6425	2212.566	5.87

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
QSNNKYAASSYLSLTPEQWK	IPI00553170.1	2	4.7051	0.5754	2316.512	8.43
VSVLSQPK	IPI00553170.1	2	2.5071	0.291	858.0178	8.72
YAASSYLSLTPEQWK	IPI00553170.1	2	6.1299	0.5232	1744.925	6
LSGSNSGNTATLTISR	IPI00553170.1	2	2.8822	0.3904	1579.695	9.75
SYSCQVTHEGSTVEK	IPI00553170.1	2	5.5163	0.559	1712.79	5.38
AAPSVTLFPPSSEELQAN	IPI00552854.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00552854.1	2	3.4747	0.3742	991.0778	6.05
ATLVCLISDFYPGAVTVAWK	IPI00552854.1	2	5.7829	0.6425	2212.566	5.87
SGQAPVLVIYEDSK	IPI00552854.1	2	3.8091	0.5482	1506.682	4.37
VTVLGQPK	IPI00552854.1	2	2.8926	0.2681	842.0184	8.72
YAASSYLSLTPEQWR	IPI00552854.1	2	3.7018	0.4709	1772.939	6
ITCSGDALPR	IPI00552854.1	2	3.0658	0.3835	1090.206	5.83
SYSCQVTHEGSTVEK	IPI00552854.1	2	5.5163	0.559	1712.79	5.38
GFPIKEDFLEQSEQLFGA	IPI00029863.3	2	3.624	0.4416	2184.433	4.41
HQMDLVATLSQLGLQELFQAPDLR	IPI00029863.3	2	3.639	0.5272	2725.117	4.54
LGNQEPGGQTALK	IPI00029863.3	2	3.8358	0.3857	1313.442	6
LGNQEPGGQTALKSPPGVCSR	IPI00029863.3	3	3.8597	0.4478	2154.364	8.22
QEDDLANINQWVK	IPI00029863.3	2	4.0644	0.4672	1573.689	4.03
LCQDLGPGAFR	IPI00029863.3	2	3.4057	0.3479	1234.38	5.83
LQQVLHAGSGPCLPHLLS	IPI00029863.3	3	5.3763	0.4543	2084.405	8.27
QLTSGPNQEQVSPLTLLK	IPI00029863.3	2	4.4075	0.4772	1954.214	6
CGPPPPIDNGDITSFPLSVYAPASSVEYQCQNLYQLEGNKR	IPI00011264.1	3	4.0696	0.4163	4584.988	4.32
INHGILYDEEK	IPI00011264.1	2	4.18	0.3865	1331.456	4.65
EIMENYNIALR	IPI00011264.1	2	3.7416	0.4156	1366.569	4.53
ITCTEEGWSPTPK	IPI00011264.1	2	4.2059	0.5727	1506.633	4.53
LQNNENNISCVER	IPI00011264.1	2	4.443	0.4924	1590.671	4.53
NGQWSEPPK	IPI00011264.1	2	3.1221	0.3279	1043.115	6
STDTSCVNPPTVQNAYIVSR	IPI00011264.1	2	4.0969	0.4254	2210.381	5.55
TGESAEFVCK	IPI00011264.1	2	3.2693	0.4859	1128.208	4.53
CFEPQLLR	IPI00019581.1	2	2.3659	0.2117	1063.226	6
GRPGPQPWCATTPNFDQDQR	IPI00019581.1	3	4.8778	0.5086	2329.467	5.95
LCHCPVGYTGPFCDVDT	IPI00019581.1	3	4.8644	0.5262	2127.32	5.21
LHEAFSPVSYQHDLALLR	IPI00019581.1	3	4.0904	0.5662	2097.362	5.99
LQEDADGSCALLSPYVQPVCLPSGAAR	IPI00019581.1	2	5.0345	0.4602	2876.156	4.03
LTLQGIISWGSGCGDR	IPI00019581.1	2	3.5943	0.4094	1720.902	5.83
NWGLGGHAFCR	IPI00019581.1	2	2.2926	0.1205	1275.394	8.26
VVGGLVALR	IPI00019581.1	2	3.1856	0.3107	884.1016	9.72

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ATLDVDEAGTEAAAATS FAIK	IPI00396348.1	2	4.4617	0.5074	2053.213	3.92
FFSAQTNR	IPI00396348.1	2	2.2601	0.3072	971.0515	9.75
FSISGSYVLDQILPR	IPI00396348.1	2	3.5778	0.2388	1695.94	5.84
EIEEVLTPEMLMR	IPI00396348.1	2	3.4498	0.3397	1590.888	4.09
FYYLIASETPGK	IPI00396348.1	2	2.4418	0.2966	1389.577	6
GFQHLLHTLNLPGHGLET	IPI00396348.1	2	3.0549	0.3816	2141.421	7.03
LGFTDLFSK	IPI00396348.1	2	2.9664	0.4271	1028.183	5.84
VGSALFLSHNLK	IPI00396348.1	2	2.5647	0.2864	1286.505	8.73
ASLENSLEETK	IPI00217963.2	2	2.7843	0.3131	1221.297	4.25
GSCGIGGGIGGGSSR	IPI00217963.2	2	2.5272	0.1857	1279.336	8.25
VTMQNLNDR	IPI00217963.2	2	3.0496	0.3349	1091.224	5.81
ALEEANADLEVK	IPI00217963.2	2	2.4546	0.2667	1302.413	4
APSTYGGGLSVSSR	IPI00217963.2	2	2.2728	0.2288	1339.437	8.79
ISSVLAGGSCR	IPI00217963.2	2	2.6532	0.2738	1107.237	8.25
LAADDFR	IPI00217963.2	2	2.3435	0.3009	807.8742	4.21
VLDELTLAR	IPI00217963.2	2	3.2408	0.3974	1030.2	4.37
EIPDEISILLLGVAHFK	IPI00006114.4	2	3.6375	0.5202	1895.231	4.65
ELLDTVTAPQK	IPI00006114.4	2	2.8011	0.1694	1215.378	4.37
LAAAVSNFGYDLYR	IPI00006114.4	2	2.9847	0.4955	1560.735	5.84
TSLEDFYLDEER	IPI00006114.4	2	2.2628	0.1644	1517.576	3.83
TVQAVLTVPK	IPI00006114.4	2	2.2222	0.3065	1056.281	8.41
DTDTGALLFIGK	IPI00006114.4	2	2.917	0.2157	1251.411	4.21
LDLQEINNWVQAQMK	IPI00006114.4	2	3.54	0.413	1831.086	4.37
SSMSPTTNVLLSPLSVAT ALSALSLGAEQR	IPI00006114.4	2	4.5884	0.5423	3003.419	5.72
AAPSVTLFPPSSEELQAN	IPI00552195.1	2	5.2548	0.5858	1987.199	4.53
AGVETTTPSK	IPI00552195.1	2	3.4747	0.3742	991.0778	6.05
LMIYDVSNRPSGVSNR	IPI00552195.1	2	3.6388	0.3337	1809.041	8.75
LTVLGQPK	IPI00552195.1	2	2.474	0.3326	856.045	8.75
QSNNKYAASSYLSLTPEQ WK	IPI00552195.1	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00552195.1	2	6.1299	0.5232	1744.925	6
SYSCQVTHEGSTVEK	IPI00552195.1	2	5.5163	0.559	1712.79	5.38
AGVETTKPSK	IPI00554822.1	2	2.927	0.3116	1018.146	8.64
ANPTVTLFPPSSEELQAN	IPI00554822.1	2	5.5201	0.5045	2044.251	4.53
ATLVCLISDFYPGAVTVA WK	IPI00554822.1	2	5.7829	0.6425	2212.566	5.87
QSNNKYAASSYLSLTPEQ WK	IPI00554822.1	2	4.7051	0.5754	2316.512	8.43
YAASSYLSLTPEQWK	IPI00554822.1	2	6.1299	0.5232	1744.925	6
SYSCQVTHEGSTVEK	IPI00554822.1	2	5.5163	0.559	1712.79	5.38
VFGTGTQVTVLGQPK	IPI00554822.1	2	4.4361	0.4492	1532.766	8.72
AGVETTKPSK	IPI00456772.1	2	2.927	0.3116	1018.146	8.64
ANPTVTLFPPSSEELQAN	IPI00456772.1	2	5.5201	0.5045	2044.251	4.53
ATLVCLISDFYPGAVTVA WK	IPI00456772.1	2	5.7829	0.6425	2212.566	5.87

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
QSNNKYAASSYLSLTPEQWK	IPI00456772.1	2	4.7051	0.5754	2316.512	8.43
SGTSASLAIGGLR	IPI00456772.1	2	2.9665	0.3581	1190.332	9.47
YAASSYLSLTPEQWK	IPI00456772.1	2	6.1299	0.5232	1744.925	6
SYSCQVTHEGSTVEK	IPI00456772.1	2	5.5163	0.559	1712.79	5.38
CPNPPVQENFDVNK	IPI00006662.1	2	4.809	0.3465	1658.787	4.37
IPTTFENGR	IPI00006662.1	2	2.6703	0.364	1035.136	6
KMTVTDQVNCPK	IPI00006662.1	2	4.8179	0.4289	1421.639	8.2
MTVTDQVNCPK	IPI00006662.1	2	4.1591	0.5191	1293.466	5.59
NILTSNNIDVK	IPI00006662.1	2	3.634	0.3762	1231.381	5.84
VLNQELR	IPI00006662.1	2	2.6206	0.1702	872.0046	5.97
NPNLPPETVDSLK	IPI00006662.1	2	3.3494	0.285	1424.581	4.37
ALLAFQESK	IPI00025862.1	2	2.8452	0.4346	1007.165	6.05
EVEGQILGTYVCIK	IPI00025862.1	2	4.2394	0.4082	1609.839	4.53
ITFMCNDHYILK	IPI00025862.1	2	2.8298	0.3315	1555.817	6.73
LIQEAPKPECEK	IPI00025862.1	2	3.3791	0.2986	1442.633	4.79
NLCEAMENFMQQLK	IPI00025862.1	2	5.2002	0.3691	1757.019	4.53
SQCLEDHTWAPPFPICK	IPI00025862.1	3	3.6802	0.3864	2087.308	5.3
YYLVGVQEQQCVDGEWSSALPVCK	IPI00025862.1	2	2.2477	0.257	2817.087	4.14
IYMTCPDCPSSIPTDSSNHQVLEAATESLAK	IPI00005439.1	3	4.468	0.456	3424.722	4.31
LVVLPFPK	IPI00005439.1	2	2.3179	0.1565	913.1813	8.75
SQASSCSLQSSDSVPVGLCK	IPI00005439.1	2	5.3544	0.5771	2098.242	5.55
ASSQWVVGPSYFVEYLIK	IPI00005439.1	2	2.4719	0.315	2074.363	6.04
GGLGSLFYLTLDVLETDCHVLR	IPI00005439.1	3	3.1495	0.4376	2479.807	4.54
GSVQYLPDLDDK	IPI00005439.1	2	3.5012	0.3087	1350.456	3.93
IFFESVYGQCK	IPI00005439.1	2	3.8037	0.4515	1378.548	5.99
EYGVVLAPDGSTVAVEPLLAGLEAGLQGR	IPI00163207.1	3	3.0892	0.2364	2883.246	4
AGLLRPDYALLGHR	IPI00163207.1	3	4.0359	0.3886	1552.806	8.8
EGKEYGVVLAPDGSTVAVEPLLAGLEAGLQGR	IPI00163207.1	3	5.7051	0.5424	3197.585	4.25
GSQTQSHPDLGTEGCWDQLSAPR	IPI00163207.1	3	4.3909	0.4836	2528.627	4.54
PSLSHLLSQYYGAGVAR	IPI00163207.1	3	4.4432	0.4464	1820.042	9.01
RQNGAALTSASILAQQVWGTLVLLQR	IPI00163207.1	3	4.4742	0.4246	2796.221	12
TDCPGDALFDLLR	IPI00163207.1	2	3.6847	0.474	1493.637	3.93
TMLQIGVMPMLNER	IPI00022733.1	2	3.4508	0.2709	1634.026	5.66
VYDFLSTFITSGMR	IPI00022733.1	2	2.9507	0.4385	1637.881	5.81
AGALQLLLVGDK	IPI00022733.1	2	3.7356	0.4383	1198.437	5.88
AGALQLLLVGDKVPHDLDMLLR	IPI00022733.1	3	3.4827	0.4155	2388.858	5.3
ATYFGSIVLLSPAVIDSPL	IPI00022733.1	3	3.3488	0.3083	2092.463	5.88

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
FLEQELETITIPDLR	IPI00022733.1	2	2.9402	0.3207	1818.061	4
SSVDELVGIDYSLMK	IPI00022733.1	2	2.7697	0.4044	1656.88	4.03
AGGSWDLAVQER	IPI00166930.4	2	2.9545	0.2657	1289.379	4.37
LSNNALSGLPQGVFGK	IPI00166930.4	2	4.2171	0.4359	1602.817	8.75
NIIFVETSFTTLETR	IPI00166930.4	2	3.4952	0.2977	1771.992	4.53
TLNLAQNLLAQLPEELFH PLTSLQTLK	IPI00166930.4	3	3.1929	0.299	3047.538	5.37
VVFLNTQLCQFRPDAFG GLPR	IPI00166930.4	3	3.2579	0.3937	2436.79	8.22
LLNIQTYCAGPAYLK	IPI00166930.4	2	2.6221	0.3095	1726.003	8.18
SQCTYSNPEGTVVLACD QAQCR	IPI00166930.4	3	3.8336	0.4161	2545.683	4.37
DAGVYECESK	IPI00018136.1	2	2.4087	0.3958	1158.191	4.14
GETILENIEFLEDTDMK	IPI00018136.1	2	5.4204	0.531	1998.198	3.77
LHIDDMEFEPK	IPI00018136.1	2	2.3536	0.2903	1374.544	4.31
NTVISVNPSTK	IPI00018136.1	2	2.7742	0.3248	1160.303	8.75
SLEVTFTPVIEDIGK	IPI00018136.1	2	4.8058	0.3797	1648.879	4.14
QSTQTLYVNVAPR	IPI00018136.1	2	2.6602	0.2353	1477.648	8.75
SLTLDVQGR	IPI00018136.1	2	2.2351	0.2063	989.1083	5.55
FLNVLSPR	IPI00018305.1	2	2.8087	0.3184	946.1283	9.75
YGQPLPGYTTK	IPI00018305.1	2	2.6312	0.3864	1225.375	8.5
ALAQCAPPPAVCAELVR	IPI00018305.1	2	3.6829	0.4119	1824.102	6.03
EMEDTLNHLK	IPI00018305.1	2	2.4873	0.2605	1230.374	4.65
EPGCGCCLTCALSEGQPC GIYTER	IPI00018305.1	2	2.8671	0.4596	2776.96	4.25
SAGSVESPSVSSTHR	IPI00018305.1	2	3.5415	0.4784	1488.542	6.47
ILSGDPYCEK	IPI00218413.1	2	2.5234	0.3345	1182.299	4.37
VDLITFDTPFAGR	IPI00218413.1	2	3.0901	0.4945	1452.636	4.21
GDMFLVANLGTK	IPI00218413.1	2	2.6555	0.2691	1266.492	5.84
LSSGLVTAALYGR	IPI00218413.1	2	3.3436	0.4255	1308.509	8.75
QEALELMNQNLDIYEQQ VMTAAQK	IPI00218413.1	3	5.3081	0.5526	2810.154	4
TSIYPFLDFMPSPQVVR	IPI00218413.1	2	4.8709	0.5291	1998.334	5.5
DSALSWEYCR	IPI00029193.1	2	2.3645	0.2165	1287.354	4.37
SDACQGDSGGPLACEK	IPI00029193.1	2	4.1617	0.4375	1652.687	4.03
TTDVTQTFGIEK	IPI00029193.1	2	3.3135	0.4941	1340.461	4.37
VANYVDWINDR	IPI00029193.1	2	3.2773	0.4351	1365.476	4.21
VQLSPDLLATLPEPASPG	IPI00029193.1	2	4.7199	0.5001	1962.236	4.37
YEYLEGGDR	IPI00029193.1	2	2.2398	0.2882	1102.136	4.14
ESHVTLASPEETR	IPI00395488.2	2	3.1164	0.4728	1456.54	4.75
HIQPGAFDTLDR	IPI00395488.2	2	2.6045	0.3246	1370.496	5.21
LAGLGLQQLDEGLFSR	IPI00395488.2	2	4.8203	0.4775	1717.948	4.37
NPFNCVCPLSWFGPWVR	IPI00395488.2	2	4.0186	0.5313	2137.415	8.07
SLTLGIEPVSPTSLR	IPI00395488.2	2	3.8032	0.4804	1570.813	5.72
YLQGSSVQLR	IPI00395488.2	2	2.8526	0.1417	1151.298	8.75
IIEVEEEQEDPYLNDR	IPI00218803.2	2	4.5511	0.5021	1992.087	3.71
SQETGDLDVGGLQETDK	IPI00218803.2	2	4.951	0.5406	1792.837	3.77

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
TGYYFDGISR	IPI00218803.2	2	2.3013	0.1645	1179.263	5.5
ACCVKSQETGDLDVGGLQETDK	IPI00218803.2	3	3.081	0.1146	2411.55	4.11
AITPPHPASQANIIFDITEGNLR	IPI00218803.2	3	3.8257	0.374	2476.773	5.32
MVQEQCCHSQLEELHCATGISLANEQDR	IPI00218803.2	3	4.6981	0.5558	3345.582	4.56
GPVLAWINAVSAFR	IPI00419630.1	2	3.0132	0.4201	1501.757	9.75
LFAAFFLEMAQLH	IPI00419630.1	2	3.5876	0.5387	1538.838	5.24
VFQYIDLHQDEFVQTLK	IPI00419630.1	2	4.9164	0.5779	2124.381	4.54
ALEQDLPVNIK	IPI00419630.1	2	2.3624	0.2986	1240.431	4.37
GDGWLTDPYVLTEVDGK	IPI00419630.1	2	3.9681	0.5179	1866.017	3.84
MMAVAADTLQR	IPI00419630.1	2	2.8973	0.3477	1207.45	5.59
GDSGGPLVCGGVLEGVVTSGSR	IPI00019579.1	2	3.7022	0.5549	2061.233	4.37
VQVLLGAHSLSQPEPSKR	IPI00019579.1	3	4.6446	0.2822	1947.228	8.73
AVPHPDSQPDTIDHDLLLLQLSEK	IPI00019579.1	3	4.3183	0.4384	2682.967	4.34
DSCKGDSGGPLVCGGVLEGVVTSGSR	IPI00019579.1	3	4.6367	0.4788	2551.737	4.56
RPDSLQHVLLPVLDR	IPI00019579.1	3	3.0322	0.3091	1759.046	6.75
VDRDVAPGTLCDVAGWGIVNHAGR	IPI00019579.1	3	3.9902	0.3093	2536.782	5.3
GLLGGGVSVEDCCLNTAFAYQK	IPI00021364.1	2	2.666	0.3894	2360.593	4.37
SISCQEIPGQQSR	IPI00021364.1	2	2.8685	0.2908	1490.595	5.72
CAGQQQDIR	IPI00021364.1	2	2.705	0.1316	1076.14	5.83
CVGWNGQCSGK	IPI00021364.1	2	3.0913	0.3961	1253.334	8.06
HCYSIQHCPLK	IPI00021364.1	3	4.5333	0.4721	1443.62	8.06
TCNHPVPQHGGPFCAGDATR	IPI00021364.1	3	5.4997	0.5801	2180.313	6.61
IIEVEEEQEDPYLNDR	IPI00296537.3	2	4.5511	0.5021	1992.087	3.71
SQETGDLDVGGLQETDK	IPI00296537.3	2	4.951	0.5406	1792.837	3.77
TGYYFDGISR	IPI00296537.3	2	2.3013	0.1645	1179.263	5.5
ACCVKSQETGDLDVGGLQETDK	IPI00296537.3	3	3.081	0.1146	2411.55	4.11
HGTVSSFVAK	IPI00296537.3	2	2.7059	0.4549	1033.163	8.76
MVQEQCCHSQLEELHCATGISLANEQDR	IPI00296537.3	3	4.6981	0.5558	3345.582	4.56
DALSSVQESQVAQQAR	IPI00021857.1	2	5.4658	0.4441	1717.82	4.37
DKFSEFWDLDPEVRPTSAVAA	IPI00021857.1	2	5.0578	0.5989	2381.582	4.11
FSEFWDLDPEVRPTSAVA	IPI00021857.1	2	4.4693	0.567	2138.321	3.92
GWVTDGFSSLK	IPI00021857.1	2	3.5639	0.49	1197.322	5.84
GWVTDGFSSLKDYWSTV	IPI00021857.1	2	5.3142	0.5902	2077.281	5.96
EVQLVESGGDLVQPGR	IPI00382500.1	2	3.4098	0.2427	1683.845	4.14
GLEWVANIK	IPI00382500.1	2	3.4866	0.371	1030.202	6

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NSLYLQMNSLR	IPI00382500.1	2	4.1515	0.1394	1339.546	8.75
DNAKNSLYLQMNSLR	IPI00382500.1	2	3.257	0.2502	1767.988	8.59
VEDTALYYCAR	IPI00382500.1	2	2.9374	0.3958	1361.476	4.37
ADTLTDEINFLR	IPI00300725.6	2	2.252	0.1985	1408.539	4.03
AQYEEIAQR	IPI00300725.6	2	3.0365	0.116	1108.187	4.53
AIGGGLSSVGGGSSTIK	IPI00300725.6	2	3.0814	0.4771	1448.604	8.8
FLEQQNKVLETK	IPI00300725.6	2	4.0247	0.3667	1477.687	6.14
NLDLDSIIAEVK	IPI00300725.6	2	4.4902	0.3656	1330.509	4.03
AQYEEIANR	IPI00009867.2	2	2.1624	0.2559	1094.16	4.53
LAELEEALQK	IPI00009867.2	2	2.5821	0.2292	1144.3	4.25
YEELQQTAGR	IPI00009867.2	2	3.1901	0.2723	1195.264	4.53
NLDLDSIIAEVK	IPI00009867.2	2	4.4902	0.3656	1330.509	4.03
VSLAGACGVGGYGSR	IPI00009867.2	2	3.0101	0.4745	1411.539	8.19
FLVGPDGIPIMR	IPI00026199.1	2	3.1613	0.3003	1315.61	5.84
MDILSYMR	IPI00026199.1	2	2.9204	0.1894	1029.259	5.59
NSCPPTSELLGTSDR	IPI00026199.1	2	3.6598	0.556	1634.721	4.37
QEPGENSEILPTLK	IPI00026199.1	2	2.6181	0.3089	1555.712	4.25
YVRPGGGFVPNFQLFEK	IPI00026199.1	2	4.5289	0.4521	1956.235	8.59
ALALPPLGLAPLLNLWA	IPI00023019.1	2	2.6554	0.5045	1872.329	8.8
ALALPPLGLAPLLNLWA KPQGR	IPI00023019.1	2	3.0358	0.481	2310.812	11
VVLSSGSGPGLDLPLVLG LPLQLK	IPI00023019.1	2	5.595	0.6158	2373.86	5.81
IALGGLLFPASNLR	IPI00023019.1	2	3.8718	0.4572	1442.731	9.75
TWDPEGVIFYGDTNPK	IPI00023019.1	2	2.7924	0.329	1839.982	4.03
AVDTWSWGER	IPI00023673.1	2	2.4356	0.1653	1207.277	4.37
TLQALEFHTVPFQLLAR	IPI00023673.1	2	2.4861	0.2715	1985.318	6.41
YSSDYFQAPSDYR	IPI00023673.1	2	2.9582	0.3444	1599.639	4.21
ELSEALGQIFDSQR	IPI00023673.1	2	4.6086	0.5112	1593.72	4.14
SDLAVPSELALLK	IPI00023673.1	2	2.3767	0.2384	1356.59	4.37
AVVEVDESGTR	IPI00007221.1	2	2.6131	0.4469	1162.233	4.14
MQILEGLGLNLQK	IPI00007221.1	2	4.1124	0.288	1457.764	5.75
MQQVENGLSEK	IPI00007221.1	2	2.7986	0.2142	1263.404	4.53
TLYLADTFPTNFR	IPI00007221.1	2	3.4396	0.4734	1559.747	5.5
GFQQLLQELNQPR	IPI00007221.1	2	3.7477	0.2495	1571.763	6
IVLGQEQDSYGGK	IPI00022391.1	2	3.4752	0.4762	1394.512	4.37
AYSLFSYNTQGR	IPI00022391.1	2	2.609	0.5205	1407.513	8.63
GYVIIKPLVWV	IPI00022391.1	2	3.3273	0.3753	1287.617	8.59
QGYFVEAQPK	IPI00022391.1	2	2.6243	0.3596	1167.296	6
VGEYSLYIGR	IPI00022391.1	2	2.9748	0.5092	1157.301	5.97
AFVNCDENSR	IPI00293898.1	2	2.3211	0.2939	1212.245	4.37
GVAGGSVAVLCPYNR	IPI00293898.1	2	3.016	0.3335	1520.709	8.22
NADLQVLKPEPELVYED LR	IPI00293898.1	3	4.5162	0.5672	2242.514	4.18
GGCITLISSEGYVSSK	IPI00293898.1	2	3.1866	0.3437	1658.825	5.99
QSSGENCDVVVNTLGK	IPI00293898.1	2	2.386	0.2855	1707.815	4.37
LLIYDASDLETGVPSR	IPI00556287.1	2	4.4493	0.2982	1749.943	4.03

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RTVAAPSVFIFPPSDEQLK	IPI00556287.1	2	5.5063	0.5266	2103.406	6.07
SGTASVVCLLNNFYPR	IPI00556287.1	2	5.3705	0.5499	1799.014	7.94
TVAAPSVFIFPPSDEQLK	IPI00556287.1	2	5.353	0.5844	1947.22	4.37
EIVLTQSPGTLSLSPGER	IPI00387115.1	2	6.2867	0.1356	1885.109	4.53
ASQSVSNSYLAWYQQKPGQAPR	IPI00387115.1	3	4.1754	0.4731	2467.681	9.7
FSGSGSGTDFTLTISR	IPI00387115.1	2	5.2773	0.5564	1633.741	5.84
LLIYGASSR	IPI00387115.1	2	3.311	0.2645	980.143	8.75
DIVMTQSPDSLAVSLGER	IPI00387120.1	2	6.0269	0.4966	1919.147	4.03
LLIYWASTR	IPI00387120.1	2	3.5388	0.3575	1123.329	8.75
NYLAWYQQK	IPI00387120.1	2	2.5223	0.3347	1214.354	8.5
NYLAWYQQKPGQPPK	IPI00387120.1	2	4.4187	0.4861	1819.055	9.53
ASQSVSSSYLAWYQQKPGQAPR	IPI00030205.1	3	5.4699	0.4542	2440.656	9.7
FSGSGSGTDFTLTISR	IPI00030205.1	2	5.2773	0.5564	1633.741	5.84
LEPEDFAVYYCQQYGTS	IPI00030205.1	2	2.8389	0.4763	2324.481	4.14
LLIYGASSR	IPI00030205.1	2	3.311	0.2645	980.143	8.75
LLIYWASTR	IPI00026197.4	2	3.5388	0.3575	1123.329	8.75
NYLAWYQQK	IPI00026197.4	2	2.5223	0.3347	1214.354	8.5
NYLAWYQQKPGQPPK	IPI00026197.4	2	4.4187	0.4861	1819.055	9.53
SSQSVLYSSNNK	IPI00026197.4	2	4.1021	0.2987	1314.384	8.31
SYELTQPPSVSVSPGQTA	IPI00552385.1	2	5.662	0.6221	2005.175	5.72
DSERPSGIPER	IPI00552385.1	3	3.5125	0.2553	1243.309	4.68
QYAYWYQQKPGQAPVLVIYK	IPI00552385.1	3	3.1703	0.2471	2444.814	9.31
ITCSGDALPK	IPI00552385.1	2	2.7797	0.3117	1062.193	5.83
LLIYWASTR	IPI00386133.1	2	3.5388	0.3575	1123.329	8.75
NYLAWYQQK	IPI00386133.1	2	2.5223	0.3347	1214.354	8.5
NYLAWYQQKPGQPPK	IPI00386133.1	2	4.4187	0.4861	1819.055	9.53
SSQSILYSSDNK	IPI00386133.1	2	2.6224	0.1481	1329.395	5.55
NFMLTQPHSVSESPGK	IPI00386839.1	2	4.8572	0.2165	1759.965	6.75
LTVLGQPK	IPI00386839.1	2	2.474	0.3326	856.045	8.75
FSGSIDSSSNSASLTISGL	IPI00386839.1	2	5.702	0.6461	1959.101	5.84
PGSAPTTVIYEDNQRPSGVPDR	IPI00386839.1	3	4.1824	0.5112	2357.522	4.56
EVQLVESGGGLVQPGGS	IPI00555872.1	2	6.7268	0.5218	1883.096	4.53
NSLYLQMNSLR	IPI00555872.1	2	4.1515	0.1394	1339.546	8.75
AEDTAVYYCAR	IPI00555872.1	2	2.1918	0.109	1319.396	4.37
DNAKNSLYLQMNSLR	IPI00555872.1	2	3.257	0.2502	1767.988	8.59
EVQLVQSGGGLVQPGGS	IPI00477452.1	2	5.4193	0.1107	1882.111	6.1
NSLYLQMNSLR	IPI00477452.1	2	4.1515	0.1394	1339.546	8.75
AEDMAVYYCAR	IPI00477452.1	2	2.3585	0.1721	1349.488	4.37
DNAKNSLYLQMNSLR	IPI00477452.1	2	3.257	0.2502	1767.988	8.59
EVQLVESGGGVVRPGGS	IPI00007899.2	2	4.8867	0.1946	1897.126	6.24
NSLYLQMNSLR	IPI00007899.2	2	4.1515	0.1394	1339.546	8.75
AEDTAVYYCAR	IPI00007899.2	2	2.1918	0.109	1319.396	4.37
DNAKNSLYLQMNSLR	IPI00007899.2	2	3.257	0.2502	1767.988	8.59

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NSLYLQMNSLR	IPI00163446.3	2	4.1515	0.1394	1339.546	8.75
VPTGGVEEGLLER	IPI00163446.3	2	2.8927	0.3987	1356.507	4.25
AEDTALYYCAK	IPI00163446.3	2	3.8964	0.502	1305.409	4.37
DNAKNSLYLQMNSLR	IPI00163446.3	2	3.257	0.2502	1767.988	8.59
NSLYLQMNSLR	IPI00399193.2	2	4.1515	0.1394	1339.546	8.75
AEDMAVYYCAR	IPI00399193.2	2	2.3585	0.1721	1349.488	4.37
DNAKNSLYLQMNSLR	IPI00399193.2	2	3.257	0.2502	1767.988	8.59
KFYQHLNYTYFK	IPI00399193.2	2	2.7873	0.1182	1652.876	9.4
ESLSSYWESAK	IPI00021856.3	2	2.8049	0.4328	1287.357	4.53
STAAMSTYTGIFTDQVLS VLK	IPI00021856.3	2	6.4191	0.6064	2234.555	5.55
TAAQNLYEK	IPI00021856.3	2	2.1629	0.2735	1038.136	5.66
TYLPAVDEK	IPI00021856.3	2	2.4303	0.4074	1036.16	4.37
EDIVMTQTPLSLPVTPGE PASISCR	IPI00387107.1	2	2.4822	0.2799	2700.053	4.14
FSGSGSGTDFTLK	IPI00387107.1	2	4.1674	0.5585	1304.387	5.84
FSGSGSGTDFTLKISR	IPI00387107.1	2	4.3631	0.4877	1660.81	8.75
VQAEDVGVYYCMQR	IPI00387107.1	2	2.1509	0.2536	1718.906	4.37
INHGILYDEEK	IPI00006154.1	2	4.18	0.3865	1331.456	4.65
ITCAEEGWSPTPK	IPI00006154.1	2	4.1301	0.4874	1476.607	4.53
LQNNENNISCVER	IPI00006154.1	2	4.443	0.4924	1590.671	4.53
NGQWSEPPK	IPI00006154.1	2	3.1221	0.3279	1043.115	6
CGPPPPISNGDTTSFLLK	IPI00027507.1	2	2.3577	0.2794	1902.131	5.83
CYFPYLENGYNQNYGR	IPI00027507.1	2	4.9634	0.5424	2059.176	5.99
EGIVEYPR	IPI00027507.1	2	2.2635	0.2997	963.0693	4.53
KCYFPYLENGYNQNYGR	IPI00027507.1	3	6.4158	0.4755	2187.349	8.14
GKEESLDSDLYAELR	IPI00022445.1	2	5.325	0.5576	1725.835	4.18
GTHCNQVEVIATLK	IPI00022445.1	2	3.9588	0.4232	1570.766	6.74
ICLDPDAPR	IPI00022445.1	2	2.571	0.1067	1057.176	4.21
NIQSLEVIGK	IPI00022445.1	2	2.99	0.2193	1101.279	6
DAEAWFNEK	IPI00418663.3	2	2.6273	0.2786	1110.158	4.14
VTMQNLNDR	IPI00418663.3	2	3.0496	0.3349	1091.224	5.81
LAADDFR	IPI00418663.3	2	2.3435	0.3009	807.8742	4.21
TLQTLEIQLQSLMATK	IPI00418663.3	2	2.1953	0.1525	1819.157	5.66
LPTDSELAPR	IPI00029061.1	2	3.0976	0.482	1099.22	4.37
CINQLLCK	IPI00029061.1	2	2.7173	0.2553	1049.234	8.06
DMPASEDLQDLQK	IPI00029061.1	2	3.0768	0.2778	1490.618	3.84
VSLATVDK	IPI00029061.1	2	2.2134	0.3181	832.9651	5.81
ASTLTIGWRAQEMSEK	IPI00165319.5	2	3.1071	0.1103	1809.037	6.19
CGMVYTDYADLGWK	IPI00165319.5	2	2.7887	0.1804	1679.868	4.21
GTEEVFQALEDNQVALS TMK	IPI00165319.5	3	3.1692	0.1462	2211.436	4
PPAQVEIVMQAVMILR	IPI00165319.5	2	2.3697	0.1582	1796.235	6.43
ITGTMPPLPLEATGLALSS LR	IPI00029260.2	2	3.9741	0.506	2139.545	6
VLSIAQAHSPAFSCEQVR	IPI00029260.2	3	3.5149	0.3945	2001.226	6.71
LTVGAAQVPAQLLVGAL	IPI00029260.2	2	4.1491	0.5374	1778.132	9.75

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VLDLSCNR	IPI00029260.2	2	2.1944	0.3064	977.091	5.8
AGPHCPTAQLIATLK	IPI00022446.1	3	3.3877	0.2957	1578.832	8.27
ICLDLQAPLYK	IPI00022446.1	2	3.267	0.3076	1334.58	5.83
HITSLEVIK	IPI00022446.1	2	2.205	0.3214	1040.238	6.75
KICLDLQAPLYK	IPI00022446.1	2	3.057	0.3462	1462.752	8.18
DPSSSLFDHSGPSGVLK	IPI00431795.2	2	2.1851	0.1167	1730.857	5.21
VTAFPVMYCFFR	IPI00431795.2	2	2.3484	0.1983	1538.831	8.19
EGVSGPTGDSTLLQGR	IPI00431795.2	2	2.7594	0.2401	1574.675	4.37
YSQPPNPAAEDECYGGSPPR	IPI00431795.2	2	2.8288	0.2455	2193.266	4.14
LNILNNNYK	IPI00186903.3	2	2.7049	0.1667	1106.257	8.59
VNEPSILEMSR	IPI00186903.3	2	2.8445	0.3977	1275.457	4.53
VQQNVPSGTDTGDPQSK	IPI00186903.3	2	3.3669	0.5097	1758.825	4.21
VTEPISAESGEQVER	IPI00186903.3	2	4.3926	0.4816	1631.724	4.09
FFLTNGEIMTFEK	IPI00004373.1	2	2.5957	0.4442	1577.826	4.53
FQASVATPR	IPI00004373.1	2	2.5735	0.1829	977.0992	9.75
TEGQFVDLTGNR	IPI00004373.1	2	2.7997	0.2893	1337.421	4.37
NAAENGAIQNLIK	IPI00004373.1	2	3.3639	0.3841	1356.51	6
LGDDLLQCHPAVK	IPI00021817.1	3	3.4281	0.2058	1466.658	5.21
STTDNDIALLHLAQPATLSQTIVPICLPDSGLAER	IPI00021817.1	3	5.7215	0.5321	3733.173	4.22
DTEDQEDQVDPR	IPI00021817.1	2	2.9442	0.1687	1447.401	3.66
RGDSPWQVVLLDSK	IPI00021817.1	2	4.3048	0.448	1600.801	5.96
GHGATNDLTFTEEVDMK	IPI00028413.4	2	2.3953	0.1874	1865.999	4.31
DYIFGNYIER	IPI00028413.4	2	2.4277	0.3005	1290.406	4.37
LWAYLTIEQLLEK	IPI00028413.4	2	4.4765	0.4193	1620.913	4.53
SLPEGVANGIEVYSTK	IPI00028413.4	2	2.9684	0.41	1664.838	4.53
AQVSPTASDMLHMR	IPI00301143.2	2	2.4778	0.2702	1544.782	6.79
LMVELHNLYR	IPI00301143.2	2	2.4052	0.216	1288.544	6.75
SPENSLDPK	IPI00301143.2	2	2.3677	0.1882	987.0461	4.37
WDEELAAFAK	IPI00301143.2	2	2.7721	0.4273	1180.291	4.14
AEAVATVVAAVDQAR	IPI00179357.1	2	2.3538	0.1491	1471.641	4.37
ELQTNALVCVENTTDLASILIKDADR	IPI00179357.1	3	3.2477	0.1724	2904.214	4.11
ELVSGGSCYITK	IPI00179357.1	2	2.818	0.2168	1314.46	6.09
IIERAELIQVTAGDPATLEYTVAGTPELK	IPI00179357.1	3	3.0575	0.1935	3100.509	4.25
AEIEYLEK	IPI00218795.1	2	2.4209	0.2835	995.1081	4.25
NKEDCVEIYIK	IPI00218795.1	2	3.0861	0.2494	1411.576	4.68
SLTEEAENWGDGEPNNK	IPI00218795.1	2	2.5067	0.2104	1890.899	3.91
SYYWIGIR	IPI00218795.1	2	2.7148	0.3982	1058.214	8.31
DSSCFTVVLNNLR	IPI00400836.2	2	2.2626	0.1569	1525.682	5.83
LILNINIESPVVSIPR	IPI00400836.2	2	2.4185	0.3037	1778.129	6
NSSSSTIGSPSSR	IPI00400836.2	2	2.3886	0.1389	1267.286	9.75
NSSSESAIVPKTVK	IPI00400836.2	2	3.1135	0.1756	1447.616	8.59
DGFVQDEGTMFPVGK	IPI00296608.6	2	2.602	0.3456	1627.8	4.03
MPYECGPSLDVCAQDER	IPI00296608.6	2	2.3213	0.2494	2028.174	3.92

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
NVVYTCNEGYSLIGNPV	IPI00296608.6	2	2.8405	0.3805	2127.337	5.99
LLEPHCFPLSLVPTEFCPS PPALK	IPI00296608.6	3	3.2823	0.1142	2751.199	5.4
DIDECDIVPDACK	IPI00029658.1	2	3.1573	0.322	1550.634	3.71
FSCMCPQGYQVVR	IPI00029658.1	2	3.8689	0.4777	1632.853	8.06
LNCEDIDECR	IPI00029658.1	2	3.0917	0.2337	1324.364	3.92
TCQDINECETTNECR	IPI00029658.1	2	2.5582	0.305	1930.943	4
FFNVLTTNTDGK	IPI00023728.1	2	3.1888	0.4594	1357.493	5.84
NLDGISHAPNAVK	IPI00023728.1	2	2.7557	0.3778	1336.479	6.74
SINGILFPGGSVDLR	IPI00023728.1	2	2.402	0.1254	1545.765	5.55
TAFYLAEFFVNEAR	IPI00023728.1	2	3.5814	0.4242	1678.868	4.53
EDGGGWWYNR	IPI00298497.3	2	2.497	0.3534	1240.265	4.37
NYCGLPGEYWLGNDK	IPI00298497.3	2	2.6591	0.3838	1786.916	4.37
MGPTELLIEMEDWK	IPI00298497.3	2	4.1473	0.3739	1692.979	4
TPCTVSCNIPVVSGK	IPI00298497.3	2	4.2522	0.4806	1619.829	7.74
EIVLTQSPGTLSLSPGER	IPI00385252.1	2	6.2867	0.1356	1885.109	4.53
FSGSGSGTDFTLTISR	IPI00385252.1	2	5.2773	0.5564	1633.741	5.84
LEPEDFAVYYCQQYGSSP	IPI00385252.1	2	2.5807	0.3587	2310.454	4.14
EIVLTQSPGTLSLSPGER	IPI00387117.1	2	6.2867	0.1356	1885.109	4.53
FSGSGSGTDFTLTISR	IPI00387117.1	2	5.2773	0.5564	1633.741	5.84
LLIYVASSR	IPI00387117.1	2	2.2585	0.1569	1022.223	8.75
YVLTQPPSVSVAPGETAR	IPI00385985.1	2	5.3538	0.5134	1873.1	6
LTVLSQPK	IPI00385985.1	2	2.6826	0.3322	886.0711	8.75
FSGSNSGNTATLTISR	IPI00385985.1	2	4.8368	0.5197	1613.711	9.75
DIQMTQSPSSVSASVGDR	IPI00479928.1	2	6.4013	0.384	1866.001	4.21
APKLLIYAASSLQSGVPS	IPI00479928.1	2	3.2792	0.242	1959.279	9.99
LLIYAASSLQSGVPSR	IPI00479928.1	2	4.2415	0.3683	1662.912	8.75
ASQSVSSYLAWYQQK	IPI00419453.1	2	2.5283	0.3576	1746.901	8.54
ASQSVSSYLAWYQQKPG QAPR	IPI00419453.1	3	5.0741	0.5429	2353.578	9.7
LLIYDASNR	IPI00419453.1	2	3.4109	0.3267	1065.205	5.84
EVQLVESGGGVVQPGGS	IPI00384391.1	2	3.0055	0.1905	1869.069	4.53
NSLYLQMNSLR	IPI00384391.1	2	4.1515	0.1394	1339.546	8.75
AEDTALYYCAK	IPI00384391.1	2	3.8964	0.502	1305.409	4.37
EQAVHNVVQLLPGVGTF YNLGTALYYATQNCLGK	IPI00299435.2	3	4.2059	0.3827	3741.198	6.83
SYDLDPGAGSLEI	IPI00299435.2	2	2.6963	0.4271	1337.414	3.49
SGVQQLIQYYQDQK	IPI00299435.2	2	5.3612	0.395	1698.858	5.55
BIZMTQSPSSLSASVGDR	IPI00387111.2	2	6.0745	0.1246	1880.028	5.84
FSGSGSGTDFTLK	IPI00387111.2	2	4.1674	0.5585	1304.387	5.84
FSGSGSGTDFTLKISR	IPI00387111.2	2	4.3631	0.4877	1660.81	8.75
BIZMTQSPSSLSASVGDR	IPI00003111.1	2	6.0745	0.1246	1880.028	5.84
LLIYDASNLESGVPSR	IPI00003111.1	2	4.2198	0.3906	1734.932	4.37
VTITCQASQDISDYLNWY QQKPGK	IPI00003111.1	3	4.7724	0.12	2845.107	5.92
EVQLVESGGGLVQPGGS	IPI00384392.1	2	6.7268	0.5218	1883.096	4.53
NTLYLQMNSLR	IPI00384392.1	2	4.5199	0.1078	1353.573	8.75

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
AEDTAFYYCAR	IPI00384392.1	2	3.244	0.4257	1367.439	4.37
APKLLIYAASSLQSGVPS	IPI00514982.1	2	3.2792	0.242	1959.279	9.99
LLIYAASSLQSGVPSR	IPI00514982.1	2	4.2415	0.3683	1662.912	8.75
NDLGWYQQKPGK	IPI00514982.1	2	3.068	0.3517	1434.581	8.5
EVQLVESGAEVK	IPI00384407.1	2	4.844	0.438	1288.429	4.25
DTSTSTVYMELSSLR	IPI00384407.1	2	2.387	0.2474	1690.854	4.37
SEDTAVYYCAR	IPI00384407.1	2	4.2863	0.2524	1335.395	4.37
EVQLVESGGGLVQPGGS	IPI00382480.1	2	6.7268	0.5218	1883.096	4.53
NTLYLNMNSLR	IPI00382480.1	2	2.5471	0.1333	1339.546	8.75
AEDTAVYYCAR	IPI00382480.1	2	2.1918	0.109	1319.396	4.37
GDSGGPLVCFEK	IPI00184598.3	2	2.5248	0.2299	1266.376	4.37
YILQGVTSWGLGCAR	IPI00184598.3	2	2.3247	0.3178	1681.91	8.22
FVTWIEGVMR	IPI00184598.3	2	3.6777	0.3701	1238.484	6
LLIYSNNQR	IPI00385507.1	2	2.2704	0.2805	1121.272	8.75
LLIYSNNQRPSGVPDR	IPI00385507.1	3	3.2911	0.3701	1830.038	8.75
VTISCSGSSSNIGSNTVN WYQQLPGTAPK	IPI00385507.1	3	5.4134	0.503	3055.296	8.17
DIVLTQSPLSLPVTPGEPA SISCR	IPI00387110.1	2	5.5488	0.6429	2538.873	4.37
FSGSGSGTBFTLK	IPI00387110.1	2	3.1483	0.1217	1303.895	8.75
FSGSGSGTBFTLKISR	IPI00387110.1	2	3.7755	0.1346	1660.317	11
GIVEECCFR	IPI00001611.1	2	2.9852	0.3535	1170.285	4.53
PLIALPTQDPAHGGAPPE MASNR	IPI00001611.1	3	3.7516	0.3698	2341.633	5.33
SCDLALLETYCATPAK	IPI00001611.1	2	4.6515	0.4432	1814.014	4.37
EVQLVESGGGVVQPGGS	IPI00384406.1	2	3.0055	0.1905	1869.069	4.53
NTLYLQMNSLR	IPI00384406.1	2	4.5199	0.1078	1353.573	8.75
AEDTAVYYCAK	IPI00384406.1	2	4.3152	0.4743	1291.382	4.37
DIVMTQSPDSLVVSLGER	IPI00383808.1	2	4.2986	0.4379	1947.2	4.03
NYLAWYQQK	IPI00383808.1	2	2.5223	0.3347	1214.354	8.5
SSQSVLYSSNNK	IPI00383808.1	2	4.1021	0.2987	1314.384	8.31
DAVEDLESVGK	IPI00027547.2	2	3.4507	0.4303	1162.229	3.92
ENAGEDPGLAR	IPI00027547.2	2	2.6916	0.3043	1129.163	4.14
LGKDAVEDLESVGK	IPI00027547.2	3	3.6478	0.2051	1460.612	4.32
ELTQDPVVSVALGQTVR	IPI00552267.1	2	3.455	0.1929	1813.046	4.37
FSGSSSGNTASLTITGAQ AEDEADYYCNSR	IPI00552267.1	3	3.6787	0.2761	3161.201	3.92
ITCQGDSLR	IPI00552267.1	2	2.7436	0.2	1050.142	5.83
BIZMTQSPSSLSASVGDR	IPI00387099.1	2	6.0745	0.1246	1880.028	5.84
LLIYEASNLQAGVPSR	IPI00387099.1	2	2.2104	0.1591	1731.974	6
VTITCQASQDIIK	IPI00387099.1	2	3.0749	0.2888	1477.679	5.8
EVQLVETGGGLIQPGGSL	IPI00382481.1	2	4.2032	0.2708	1911.149	4.53
AEDTAVYYCAR	IPI00382481.1	2	2.1918	0.109	1319.396	4.37
BTVYLQMBSLR	IPI00382481.1	2	2.6991	0.103	1340.531	8.75
BIZMTQSPSSLSASVGDR	IPI00387100.1	2	6.0745	0.1246	1880.028	5.84
LLIYDASK	IPI00387100.1	2	2.1824	0.2553	923.0882	5.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
VTITCQASQDISIFLNWY QQKPGK	IPI00387100.1	3	3.3494	0.3419	2827.178	8.15
BIZMTQSPSSLSASVGDR	IPI00003469.1	2	6.0745	0.1246	1880.028	5.84
RLIYGATSLQSGVPSR	IPI00003469.1	2	3.1366	0.1067	1705.94	10.84
LIYGATSLQSGVPSR	IPI00003469.1	2	2.2981	0.2329	1549.754	8.75
AQYEEIAQR	IPI00290078.2	2	3.0365	0.116	1108.187	4.53
LALDIEIATYR	IPI00290078.2	2	3.8592	0.3059	1278.479	4.37
NLDLDSIIAEVR	IPI00290078.2	2	3.6785	0.1408	1358.523	4.03
YAASSYLSLTPEQWR	IPI00013438.1	2	3.7018	0.4709	1772.939	6
ALGPGAPGGSSR	IPI00013438.1	2	2.3606	0.143	1027.117	9.8
SYSCQVMHEGSTVEK	IPI00013438.1	2	2.7404	0.1587	1742.883	5.38
ILLDEQAQWK	IPI00009477.3	2	3.4614	0.2507	1244.422	4.37
QVILTLQPTLVAVGK	IPI00009477.3	2	4.0781	0.5165	1580.937	8.75
VPTVEPLDSLTLFLFR	IPI00009477.3	2	3.3878	0.5077	1848.175	4.37
DQYYNIDVPSR	IPI00024825.1	2	2.5278	0.3367	1370.449	4.21
GFGGLTGQIVAALSTAK	IPI00024825.1	2	4.6355	0.5321	1591.834	8.75
GLPNVVTSAISLPNIR	IPI00024825.1	2	3.0775	0.3444	1651.932	9.75
SYELTQPSSVSVSPGQTA	IPI00552852.1	2	3.8005	0.4707	1995.137	5.72
DSERPSGIPER	IPI00552852.1	3	3.5125	0.2553	1243.309	4.68
ITCSGDVLAK	IPI00552852.1	2	2.1719	0.1632	1064.209	5.83
EDIATPLPSEK	IPI00398012.3	1	2.095	0.1539	1200.321	4.14
EIWFSFAAPTNVR	IPI00398012.3	2	2.2758	0.1317	1538.731	6.1
QAASASQPGELR	IPI00398012.3	1	2.1805	0.2252	1215.299	6
FILADGASQGMAAFR	IPI00074148.4	2	3.2378	0.1526	1555.783	5.84
SAETNIDQDINNLK	IPI00074148.4	2	2.1969	0.2064	1575.66	4.03
YVAADTLYSQIK	IPI00074148.4	2	2.9048	0.2292	1372.548	5.83
LGHPDTLNQGEFK	IPI00027462.1	2	2.475	0.2749	1456.585	5.32
VIEHIMEDLDTNADK	IPI00027462.1	2	5.1242	0.5426	1743.917	4.1
NIETIINTFHQYSVK	IPI00027462.1	2	4.8641	0.4009	1808.028	6.75
ALSGFSLQSCR	IPI00008556.1	2	2.4796	0.3017	1226.358	8.29
DTCFEGGDITTVFTPSAK	IPI00008556.1	2	3.8265	0.3917	1947.082	4.03
YCQVVCTYHPR	IPI00008556.1	3	3.2065	0.4983	1483.641	8.05
GILTVDELLAIR	IPI00009030.1	2	2.5997	0.2734	1313.568	4.37
CNSLSTLEK	IPI00009030.1	2	2.4419	0.1591	1052.155	5.99
IPLNDLFR	IPI00009030.1	2	2.9311	0.3278	988.1652	5.84
IVQILPWEQNEQVK	IPI00022229.1	2	2.2561	0.1481	1724.982	4.53
HSITNPLAVLCEFISQSIK	IPI00022229.1	3	3.7927	0.3346	2158.477	6.74
MYQMDIQQELQR	IPI00022229.1	2	2.4821	0.2296	1583.815	4.37
LIANTLCNSR	IPI00041065.3	2	2.4484	0.2931	1162.316	8.25
VVLGDQDLK	IPI00041065.3	2	2.1592	0.3668	987.1323	4.21
DEIPHNDIALLK	IPI00041065.3	2	2.7113	0.2681	1378.556	4.54
AFSAVDTDGNGTINAQE LGAALK	IPI00021536.1	2	6.5753	0.691	2264.435	4.03
NLSEAQLR	IPI00021536.1	2	2.3745	0.2457	931.0289	6
AGLEDLQVAFR	IPI00021536.1	2	3.7123	0.4385	1219.372	4.37
IHLISTQSAIPYALR	IPI00021891.5	2	2.3083	0.3337	1683.976	8.75
VAQLEAQCQEPCK	IPI00021891.5	2	2.5679	0.1295	1561.706	4.53

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
YLQEIYNSNNQK	IPI00021891.5	2	4.0201	0.2441	1514.621	6
NCELDVTCNIK	IPI00296176.2	2	2.1807	0.1286	1366.487	4.37
VDAFCGGSIVNEK	IPI00296176.2	2	3.3675	0.3958	1396.521	4.37
VVGGEDAKPGQFPWQVVLNGK	IPI00296176.2	3	3.0057	0.3555	2226.52	6.04
CAGTVEVEIQR	IPI00104074.3	2	2.1739	0.2658	1262.389	4.53
LQEGPTSCSGR	IPI00104074.3	2	2.3492	0.2387	1192.255	6
LVGGDIPCSGR	IPI00104074.3	2	2.3794	0.1551	1131.258	5.83
EEFQEAKAWVGESFHLNVSGEASLFEVNIR	IPI00299669.1	3	3.1148	0.1856	3424.72	4.47
LLPAFNTPTGIPK	IPI00299669.1	2	2.1652	0.1861	1369.634	8.75
TQQPGLEVVAEIAGHAP	IPI00299669.1	2	2.3078	0.2754	1945.169	5.37
DIQMTQSPSTLSASVGDR	IPI00387026.1	2	6.2201	0.2414	1894.054	4.21
ASSLESGVPSR	IPI00387026.1	2	3.3357	0.324	1090.17	6.05
EVQLLESGGGLVQPGGS	IPI00382478.1	2	6.1902	0.3687	1897.123	4.53
AEDTAVYYCAK	IPI00382478.1	2	4.3152	0.4743	1291.382	4.37
EVQLLESGGGLVQPGGS	IPI00382497.1	2	6.1902	0.3687	1897.123	4.53
LSCAASGFTFSR	IPI00382497.1	2	3.0477	0.416	1304.427	8.25
DIQMTQSPSSLSATVGDR	IPI00387106.1	2	5.4293	0.3219	1894.054	4.21
ILIYDASNLETGVPSR	IPI00387106.1	2	5.3416	0.1529	1748.958	4.37
SELTQDPAVSVALGQTV	IPI00382436.1	2	5.5884	0.4598	1872.07	4.37
ITCQGDSLR	IPI00382436.1	2	2.7436	0.2	1050.142	5.83
EIVMTQSPATLSVSPGER	IPI00384401.1	2	5.4549	0.5448	1903.147	4.53
LLIYGASTR	IPI00384401.1	2	2.608	0.1096	994.1697	8.75
BIZMTQSPSSLSASVGDR	IPI00387022.1	2	6.0745	0.1246	1880.028	5.84
ILIYDASNLETGVPSR	IPI00387022.1	2	5.3416	0.1529	1748.958	4.37
QSVLTQPPSVSGTPGQR	IPI00382420.1	2	2.4755	0.1286	1739.912	9.75
SGTSASLAISGLR	IPI00382420.1	2	3.693	0.3309	1220.358	9.47
SGTSASLAISGLR	IPI00045547.1	2	3.693	0.3309	1220.358	9.47
SEDEADYYCAAWDDR	IPI00045547.1	2	3.2563	0.2794	1866.826	3.66
EIVMTQSPPTLSLSPGER	IPI00024138.1	2	4.3761	0.3233	1943.212	4.53
LLIYGASTR	IPI00024138.1	2	2.608	0.1096	994.1697	8.75
QVQLVQSGAEVK	IPI00470652.1	2	3.6273	0.1649	1286.46	6
SDDTAVYYCAR	IPI00470652.1	2	4.412	0.5277	1321.368	4.21
ASQSVSSNLAWYQQKPGQAPR	IPI00007884.2	3	4.8852	0.5771	2304.507	9.99
LLIYGASTR	IPI00007884.2	2	2.608	0.1096	994.1697	8.75
EVQLVESGGGLVQPGGS	IPI00479553.1	2	6.7268	0.5218	1883.096	4.53
NTLYLQMSNLK	IPI00479553.1	2	2.207	0.1332	1325.56	8.59
ASQSVSSSYLAWYQQKPGQAPR	IPI00387116.1	3	5.4699	0.4542	2440.656	9.7
FSGSASGTDFTLTISR	IPI00387116.1	2	3.1405	0.386	1647.768	5.84
BIZMTQSPSSLSASVGDR	IPI00384398.1	2	6.0745	0.1246	1880.028	5.84
APNLLIYAASSLQSGVPS	IPI00384398.1	2	3.7172	0.385	1945.209	8.79
CEEDKEFTCR	IPI00025327.1	2	3.1352	0.1275	1374.423	4.41
EQQCVIMAENR	IPI00025327.1	2	3.3189	0.3593	1378.531	4.53

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ASQSVSSSYLAWYQQKPGQAPR	IPI00384402.1	3	5.4699	0.4542	2440.656	9.7
FSGSGSETDFTLTISR	IPI00384402.1	2	3.1976	0.3854	1705.804	4.37
EQNLNMQLFSEIHNLQN	IPI00329038.3	2	2.3408	0.2196	2201.449	5.4
KMHEGDLAMALVLDEK	IPI00329038.3	2	3.3396	0.1365	1801.122	4.75
EVQLVESGAEVK	IPI00384409.1	2	4.844	0.438	1288.429	4.25
SDDTAVYYCAR	IPI00384409.1	2	4.412	0.5277	1321.368	4.21
NTLYLQMNSLR	IPI00396929.1	2	4.5199	0.1078	1353.573	8.75
VEDTAVYYCAR	IPI00396929.1	2	4.2928	0.3395	1347.449	4.37
QVKLVQAGGGVVQPGR	IPI00382488.1	2	3.6257	0.406	1593.856	11
TEDTAVYYCAR	IPI00382488.1	2	3.1912	0.2678	1349.422	4.37
ZIVLTZSPGTLSLSPGZR	IPI00387113.1	2	3.8786	0.1883	1884.616	9.75
FSGSGSGADFTLTISR	IPI00387113.1	2	3.8742	0.5733	1603.715	5.84
PEVIFRLEQGEEPWR	IPI00168604.1	2	2.8152	0.1299	1886.1	4.49
GMSFNTVSELVISK	IPI00168604.1	2	3.1832	0.1366	1512.754	6
BIZMTQSPSSLSASVGDR	IPI00387025.1	2	6.0745	0.1246	1880.028	5.84
YLNWYQQKPGK	IPI00387025.1	2	2.9688	0.2975	1425.616	9.53
BIZMTQSPSSLSASVGDR	IPI00387101.1	2	6.0745	0.1246	1880.028	5.84
VTITCQASQDIR	IPI00387101.1	2	3.4629	0.3726	1392.534	5.8
LLIKYASQSISGVPSR	IPI00333234.2	2	2.992	0.3082	1720.007	9.99
YASQSISGVPSR	IPI00333234.2	2	3.2599	0.4883	1252.359	8.75
BIZMTQSPSSLSASVGDR	IPI00007852.1	2	6.0745	0.1246	1880.028	5.84
SLIYAASTLQSGVPSR	IPI00007852.1	2	2.3876	0.2924	1650.858	8.46
BIZMTQSPSSLSASVGDR	IPI00479883.1	2	6.0745	0.1246	1880.028	5.84
SLIYAASSLQSGVPSR	IPI00479883.1	2	2.9566	0.1889	1636.831	8.46
LEQGENVFLQATDK	IPI00218746.1	2	4.7067	0.5016	1592.732	4.14
GNLCVNLMR	IPI00218746.1	2	2.409	0.2882	1077.277	8.25
EIVMTQSPVTLSVSPGER	IPI00387119.1	2	4.3722	0.4697	1931.201	4.53
LLIYGASTR	IPI00387119.1	2	2.608	0.1096	994.1697	8.75
GQGCPSTHVLLTHTISR	IPI00001671.1	2	2.1762	0.1015	1865.077	8.27
PWYEPIYLGGVFQLEK	IPI00001671.1	2	3.0636	0.1868	1940.229	4.53
SNFLNCYVSGFHPSDIEVDLLK	IPI00004656.1	2	4.8548	0.4901	2555.817	4.53
VNHVTLSQPK	IPI00004656.1	2	2.9513	0.387	1123.288	8.73
INHGILYDEEK	IPI00553003.1	2	4.18	0.3865	1331.456	4.65
YKPFSQVPTGEVF	IPI00553003.1	2	3.5362	0.5155	1499.692	6
FAVTSINR	IPI00022850.5	2	2.7642	0.2758	908.0369	9.75
AILDLVLYYNWK	IPI00022850.5	2	2.1927	0.2554	1511.789	5.88
AGQFIIEYLGEVVSEQEF	IPI00020546.2	3	3.8138	0.1222	2215.447	4.09
ERLNQILLNLLEK	IPI00020546.2	2	2.9435	0.2909	1596.897	6.24
INPNSGGTNYAQK	IPI00009792.1	2	2.22	0.4592	1364.446	8.59
QAPGQGLEWMGR	IPI00009792.1	2	2.5754	0.3769	1330.498	6
QVQLVQSGGGLVK	IPI00382474.1	2	2.7517	0.2595	1313.529	8.75
SLYLZMBSLR	IPI00382474.1	2	2.6818	0.2516	1226.428	8.46
LALDIEIATYR	IPI00375843.1	2	3.8592	0.3059	1278.479	4.37
GQLEANLLQVLEKVEEF	IPI00375843.1	3	3.035	0.1296	2116.403	4.49
LMIYDVSK	IPI00552874.1	2	2.6306	0.2501	969.1804	5.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
SVSGSPGQSVTISCTGTSSDVGGYNYVSWYQQHPG	IPI00552874.1	3	6.028	0.6295	3779.974	6.46
VLEGNEQFINAAK	IPI00015614.3	2	4.3019	0.5327	1433.592	4.53
LGEHNIKVLEGNEQFINAAK	IPI00015614.3	2	3.4315	0.2326	2225.49	5.5
DIQMTQSPSSLSVSVGDR	IPI00387097.1	2	3.4077	0.2878	1908.081	4.21
LLIYGASTR	IPI00387097.1	2	2.608	0.1096	994.1697	8.75
AQGFTEDTIVFLPQTDK	IPI00013179.1	2	4.4037	0.3971	1911.101	4.03
TMLLQPAGSLGSYSYR	IPI00013179.1	2	4.821	0.5211	1744.993	8.25
AVVFLEPQWYR	IPI00218834.8	2	3.091	0.4046	1408.628	6.05
DSGSYFCR	IPI00218834.8	2	2.4978	0.1798	992.0178	5.83
MDLALLEAQYGFVTPK	IPI00297578.2	2	2.3774	0.1262	1797.108	4.37
QSSWQFQRSNSNSSSVITTEDNK	IPI00297578.2	3	3.2543	0.195	2631.711	6.07
FLHEIQLNCAVNK	IPI00383530.1	2	2.2764	0.1685	1586.811	6.74
LPGQDNLVK	IPI00383530.1	2	3.0389	0.1249	984.1317	5.84
MSVVGIDLGFQSCYVAVAR	IPI00002966.1	2	2.904	0.1361	2073.396	5.59
FLEMCNDLLAR	IPI00002966.1	2	2.1741	0.1092	1382.605	4.37
ALSIGFETCR	IPI00297160.2	2	2.245	0.2571	1154.292	6.04
YGFIEGHVVIPR	IPI00297160.2	3	3.6869	0.3695	1387.611	6.75
LSSVTAADTAVYYCAR	IPI00386142.1	2	4.8646	0.5331	1748.909	5.83
VTISLDTSK	IPI00386142.1	2	2.2743	0.1268	964.0955	5.81
AYQCVVLLQGK	IPI00004860.2	2	3.0771	0.2959	1279.504	8.24
MNDIVKEFEDR	IPI00004860.2	2	3.1987	0.2039	1396.552	4.32
FSGSGSGTEFTLTISR	IPI00385253.1	2	2.6583	0.169	1647.768	6
LLIYGASTR	IPI00385253.1	2	2.608	0.1096	994.1697	8.75
ITLPDFTGDLR	IPI00032311.3	2	2.3861	0.2377	1248.41	4.21
SPVTLLAAVMSLPEEHN	IPI00032311.3	3	5.2283	0.5202	1937.25	5.38
SYELTQPSSVSVSPGQTA	IPI00384399.1	2	3.8005	0.4707	1995.137	5.72
DTERPSGIPER	IPI00384399.1	3	3.2078	0.2355	1257.336	4.68
HDNWDLTQLK	IPI00299778.2	2	2.1946	0.1438	1270.376	5.21
ILIGTVFHK	IPI00299778.2	2	2.6325	0.2328	1028.272	8.76
LGFSFVRITALMVSCNR	IPI00218097.1	2	3.0233	0.2746	1972.338	10.35
NVSTGSAENEEKSEVQAIIESTPELDMDK	IPI00218097.1	3	3.0468	0.1447	3152.345	3.94
FLEQQNKVLETK	IPI00174775.1	2	4.0247	0.3667	1477.687	6.14
NLDLDSIIAEVR	IPI00174775.1	2	3.6785	0.1408	1358.523	4.03
QVZLVZSGGGAVZPGRS	IPI00382483.1	2	3.0677	0.1547	1939.658	12
AEBTAVYYCAR	IPI00382483.1	2	2.3105	0.3847	1318.903	6.04
GLEWVGR	IPI00384404.2	2	2.1619	0.2512	816.9275	6
TDGGTTDYAAPVK	IPI00384404.2	2	3.2048	0.3565	1296.365	4.21
IPGIFELGISSQSDR	IPI00294395.1	2	3.286	0.4553	1619.801	4.37
LLCNGDNDCGDQSDEANCR	IPI00294395.1	2	3.8889	0.4698	2214.185	3.71
ISAVPELTDVNTGK	IPI00178743.3	2	2.4901	0.1454	1444.613	4.37
TGTPAVTSTSSASSSLGE	IPI00178743.3	2	2.213	0.1568	1768.859	5.66

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NTLYLNMNSLR	IPI00382486.1	2	2.5471	0.1333	1339.546	8.75
LSCAASGFTFSR	IPI00382486.1	2	3.0477	0.416	1304.427	8.25
APSNEPSTDPR	IPI00176740.2	2	2.168	0.1004	1171.2	4.37
APSNEPSTDPRGLTSSQLCTLNR	IPI00176740.2	3	3.4428	0.2661	2502.674	6.11
VVDLVRKSGNSVTLLVLDGDSYEK	IPI00412760.1	3	3.9786	0.2008	2607.942	4.68
SGNSVTLLVLDGDSYEK	IPI00412760.1	2	2.2294	0.1337	1797.941	4.03
DSDGDGIGDACDNCPQK	IPI00028030.3	2	2.4654	0.3032	1824.783	3.66
IDVCPENAEVTLTDFR	IPI00028030.3	2	3.8645	0.5164	1880.039	3.92
EQGKPEGIIKPPLQQQPPK	IPI00218524.6	3	4.3316	0.1874	2113.446	8.59
PEGPVADTVSTDLLISEK	IPI00218524.6	2	2.3632	0.1367	1872.063	3.92
GCNSFVLTVPLN	IPI00552243.1	1	2.198	0.1196	1321.498	5.52
TLCAGVFTSSLWGIR	IPI00552243.1	2	2.5877	0.194	1668.912	7.91
GSEVSVMLTVSAAADK	IPI00297859.1	2	2.3763	0.1173	1565.772	4.37
LLTKLPGQLLPGHGLQPPQGPPGGQAGGLR	IPI00297859.1	3	3.1774	0.3226	2956.438	11
LEFTDNLEIVGMISSEK	IPI00152462.1	2	2.6503	0.2105	1926.178	4
SVLTAAGNLK	IPI00152462.1	2	2.622	0.1086	974.1368	8.47
QDDESPEPFSVK	IPI00180384.2	2	2.3859	0.1331	1378.423	3.92
SVLTAAGNLK	IPI00180384.2	2	2.622	0.1086	974.1368	8.47
TLDEFTIIQNLQPQYQFR	IPI00296165.5	2	2.1684	0.2542	2255.515	4.37
LPVANPQACENWLR	IPI00296165.5	2	2.7967	0.3815	1668.872	6
LAADDFR	IPI00004550.3	2	2.3435	0.3009	807.8742	4.21
TLQALEIELQSQLAMK	IPI00004550.3	2	2.22	0.141	1817.141	4.53
LGSPDYGNSALLSLPGYR	IPI00006196.2	2	2.5648	0.1487	1881.079	5.84
TEPTGPKLEALRAEVSK	IPI00006196.2	2	3.5665	0.2785	1827.072	5.9
MHEFHSQENLVVHVPK	IPI00419226.1	2	2.4628	0.1771	1932.195	6.21
TGGLVISGPMLQQEPESF	IPI00419226.1	2	2.5174	0.3106	2019.308	4.53
AFPGTVPIPPQVK	IPI00063523.5	2	2.1504	0.1107	1351.618	8.8
SSDGVQVFDLISNNSSPK	IPI00063523.5	2	2.9174	0.1959	1895.017	4.21
CLMEVTVDR	IPI00026320.1	2	2.8963	0.1222	1123.3	4.37
NILHACVSVCFPTSNKET	IPI00026320.1	3	3.0977	0.1078	2206.472	8.06
DQFIIAYGGLR	IPI00020060.1	2	2.2699	0.1713	1253.432	5.84
ERSIGDVTTAPPEVTPESR	IPI00020060.1	2	2.9665	0.1824	2042.193	4.41
FPSPEYETFAEYYKTK	IPI00219036.5	3	3.0494	0.2951	2001.18	4.79
LLMELEEALNFINDCNISVHSK	IPI00219036.5	3	3.6167	0.1872	2590.928	4.4
GTNYLADVFEK	IPI00219806.5	2	3.3819	0.4153	1257.374	4.37
SIIGMIDMFHK	IPI00219806.5	2	2.9921	0.3739	1292.596	6.46
LILVDYILFK	IPI00007199.3	2	2.6198	0.1941	1237.555	5.84
IFSPFADLSELSATGR	IPI00007199.3	2	3.3243	0.4932	1711.897	4.37
LLIYDNNK	IPI00003939.2	2	2.2123	0.2587	993.1386	5.84
VTISCSGSSSNIGNNYVSWYQQLPGTAPK	IPI00003939.2	3	3.0597	0.2959	3117.366	8.15
MMVNRTTESGFTPLHIAAHYGNVNVATLLLNR	IPI00007834.1	3	3.1306	0.2594	3543.08	8.54

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FTPEEEMFKMVTKIK	IPI00007834.1	3	4.2971	0.1132	1859.243	6.23
TLQCLEGIHLSQSGAVLTLYVDR	IPI00002335.1	3	3.2383	0.1627	2574.908	5.29
YLVPLLQQQVK	IPI00002335.1	2	2.4192	0.1497	1329.613	8.59
TQPVQGEPSAPK	IPI00185362.4	2	2.4698	0.121	1239.36	5.66
FIVLSNNYLQIR	IPI00185362.4	2	2.6498	0.3643	1480.736	8.75
AAQAGLPLVLLSTHK	IPI00419675.1	2	2.2483	0.1125	1519.814	8.8
EQEWTPITGPLLALKEEDQLLVR	IPI00419675.1	3	3.1077	0.157	2680.049	4.25
AFAKALGVMDDLK	IPI00000138.1	2	2.8207	0.1646	1379.65	6
QPDLSSIAVPPDHR	IPI00000138.1	2	2.3331	0.1571	1532.683	5.21
GFGIFVDSVDSGSK	IPI00163931.1	2	2.16	0.1615	1415.53	4.21
EAPLPFILLGGSEK	IPI00163931.1	2	2.1839	0.1655	1471.723	4.53
KFSLTVYVPPSIK	IPI00045512.1	2	2.8839	0.2463	1479.788	9.7
GQYICVATSVAGEK	IPI00045512.1	2	2.2267	0.1667	1483.642	5.99
MLPIGLNMCTPGDQELISLAKSR	IPI00217185.1	3	3.5688	0.3522	2545.998	5.82
NAMPLSAAIFR	IPI00217185.1	2	2.1739	0.2082	1191.428	9.75
MNSKNLGVIFGPSLIR	IPI00152011.3	2	3.0052	0.1006	1747.099	11
ETKSFENVSVESVDSSSE	IPI00152011.3	3	3.1479	0.1344	2089.157	4.25
SSQKELEAMGLGTPSEAIEIR	IPI00478794.1	3	3.1848	0.2479	2247.513	4.49
SSWDNQQENPPPTK	IPI00478794.1	2	2.4089	0.1684	1628.681	4.37
SSSTEPSLLVSWFTR	IPI00411298.3	3	3.1638	0.1804	1697.87	5.72
STYDGLHVITGTTENSPADR	IPI00411298.3	3	3.2759	0.1134	2135.234	4.53
TPGAVNACHLSCSALLQDNIADAVACAK	IPI00019038.1	3	4.3305	0.4449	2929.214	5.18
STDYGIFQINSR	IPI00019038.1	2	2.6622	0.1313	1401.506	5.55
YLGYPPPEIKWYK	IPI00021396.1	2	3.0181	0.2554	1654.932	8.38
GAFGQVIEADAFGIDK	IPI00021396.1	2	2.5906	0.1081	1638.803	4.03
AQRALEAALAAGLHDACYSSDEAAR	IPI00259372.1	3	3.5744	0.3403	2618.795	4.75
GSMLGLAASFSR	IPI00259372.1	2	2.3086	0.1247	1197.39	9.75
EKLIAEK	IPI00008616.1	1	2.1525	0.1326	830.9492	6.24
VYGTCTLVLMALVVFVGVK	IPI00008616.1	2	2.2573	0.1201	2070.561	8.17
GLEWLGR	IPI00384394.1	2	2.2393	0.1709	830.9541	6
ITINPDTSK	IPI00384394.1	2	2.4801	0.235	989.1051	5.84
GTELQHLLHAVVPGPWQEDVADAEECAGR	IPI00292218.3	3	3.3687	0.1418	3186.431	4.35
VVGGHPGNSPWTVSLR	IPI00292218.3	2	2.3876	0.2115	1663.862	9.73
LEALSSAHQLDQLR	IPI00152696.2	2	2.907	0.1432	1581.756	5.32
LQSLTMTAEQKDSELNE	IPI00152696.2	2	2.8897	0.1325	2207.448	4.41
NLIAAVAPGAFLGLK	IPI00020996.3	2	2.471	0.3765	1455.77	8.75
VAGLLEDTFPGLLGLR	IPI00020996.3	2	4.1585	0.5505	1671.962	4.37
QVQLVDSGGGLVEPGGS	IPI00382476.1	2	2.7591	0.1102	1869.069	4.37

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AEDTAVYYCAR	IPI00382476.1	2	2.1918	0.109	1319.396	4.37
AAVPLGGFLCNVADK	IPI00074719.1	2	2.1537	0.1385	1532.76	5.87
ILTTSSAHPGLEFSK	IPI00074719.1	2	2.2768	0.1681	1588.787	6.75
ACGDVLVTAELILR	IPI00021048.1	3	3.4017	0.144	1530.785	4.37
VFLPKEELYMPPLVIK	IPI00021048.1	2	2.941	0.1927	1917.387	6.11
AESGQEPASRGQGQSQG QSQGPGSGDTYR	IPI00023133.1	3	3.0014	0.367	2908.906	4.68
YTLVVDEHAQLELVSLR	IPI00023133.1	2	2.2422	0.2023	1986.258	4.65
AFTECCVVASQLR	IPI00032291.1	2	2.5496	0.2984	1541.718	6.03
FQNSAILTIQPK	IPI00032291.1	2	2.3859	0.1265	1360.584	8.75
AFVDVDLLLGEIDPDQA DITYEGR	IPI00186721.2	3	3.0029	0.2456	2665.89	3.57
EDHEGLGISITGGK	IPI00186721.2	2	2.1704	0.156	1413.515	4.65
AHGDHMASSR	IPI00005904.3	2	2.378	0.2623	1069.137	6.96
HYTGPGDQTVNPQNGFV	IPI00005904.3	2	2.5825	0.1633	1988.109	6.74
APATLFTFLVLLLTILVCL AHTCFGCFK	IPI00006006.3	3	3.1832	0.1067	3228.878	8.01
PNDSYCYNSAK	IPI00006006.3	2	2.3163	0.1802	1319.352	6.21
ASDPDTEDDQIIFK	IPI00477820.3	2	2.1769	0.1777	1594.659	3.71
FPINVLPK	IPI00477820.3	2	2.4256	0.1269	928.1529	8.75
ASLLDPVPEVR	IPI00001159.8	2	2.2859	0.1384	1196.378	4.37
VGKGEPGAAPLSAPAFSL VFPFLK	IPI00001159.8	3	3.1662	0.1606	2401.831	8.56
ASSPQPSPPEEILEPPK	IPI00095032.5	2	2.2778	0.1094	1803.991	4.25
VSELEEESR	IPI00095032.5	2	2.1854	0.1102	1078.112	4.09
CQNILQGNFK	IPI00000155.3	2	2.2613	0.2343	1222.369	8.22
FQQAVDAVEEFLR	IPI00000155.3	2	2.2481	0.1877	1552.713	4.14
DAGTIAGLNVMRIINEPT AAAIAYGLDK	IPI00003362.1	3	3.5914	0.2544	2860.279	4.56
VEIIANDQGNR	IPI00003362.1	2	2.5437	0.2177	1229.325	4.37
DDLDNVEGIAVDWIGNN LYWTNDGHR	IPI00032063.4	3	3.5012	0.2194	3003.145	3.9
DMIIWSTQFNPGGIFYK	IPI00032063.4	2	2.2462	0.2165	2018.323	5.84
DELILEVMNPPPK	IPI00065521.2	2	2.712	0.1594	1495.766	4.14
ELQQKINNSSNK	IPI00065521.2	2	2.7965	0.1219	1403.524	8.69
DGCGMDSLNK	IPI00145799.1	2	2.7374	0.2541	1097.176	4.21
LFLTANRSVCDTDIDELA CNCTR	IPI00145799.1	3	3.23	0.2273	2745.962	4.23
DGTYNWMSWLLVNVSA HRDDVK	IPI00232311.4	3	3.7057	0.1579	2607.885	5.3
GSPDVELKSGAGTELSVR	IPI00232311.4	2	3.1986	0.1303	1802.964	4.68
DLQKLLPFNPQLFQNNC GETEQDTEK	IPI00001952.5	3	3.1426	0.2166	3108.356	4.18
LVGEEEAGFGECDKFFY AGTPPAGLAADSHVK	IPI00001952.5	3	3.4143	0.1209	3371.648	4.35
DSEFETDCR	IPI00306718.3	2	2.1693	0.1061	1159.136	3.92
TSSLESLNSNSGVGGTIK	IPI00306718.3	2	2.5989	0.1021	1751.874	5.66

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EDPMGWQSLLAQTVAN	IPI00033907.1	2	2.5429	0.1694	1917.136	4.37
AFKPETISAFTSDPALLSFAEYFCK	IPI00033907.1	3	3.2138	0.1969	2842.184	4.68
ELDSTGTPTGK	IPI00012792.1	2	2.221	0.3452	1106.166	4.37
GDSGTATVLVTLQDINDNFPFFTQTK	IPI00012792.1	3	3.6768	0.1677	2831.083	3.93
ENLQPNSPVGMVTVMDADK	IPI00001893.2	2	2.1834	0.1417	2046.312	4.03
GWCLGCCLLLPLSFSLAAAK	IPI00001893.2	3	3.28	0.1627	2238.635	7.96
ESRMNGQYQQPTDSLNNDNK	IPI00010365.2	3	3.1845	0.1778	2340.43	4.56
MQGVGEKFSTWEPTK	IPI00010365.2	2	2.7928	0.1857	1725.947	5.9
EYYSTESEPLTNGGQK	IPI00479669.1	2	2.24	0.2196	1803.861	4.25
LVLILDDLLWVLTDSQLKAMVQYAK	IPI00479669.1	3	3.5755	0.2439	2890.473	4.43
FNISNGGPAPEAITDK	IPI00217872.2	2	2.9637	0.1417	1631.768	4.37
SMPTSGALDR	IPI00217872.2	2	2.1623	0.2107	1035.157	5.55
FPENMGHGSTIQLSANTL	IPI00162547.1	2	2.2046	0.1256	2046.294	6.75
SVYEDDDNEATGNK	IPI00162547.1	2	2.1972	0.1215	1557.512	3.77
FVLIPMFETVTK	IPI00008806.1	2	2.3899	0.1582	1425.761	6
EELIQSVLAQVAEQFSR	IPI00008806.1	3	2.9842	0.137	1948.166	4.25
GDTGPPGPQGLQGLPGTGGPPGENGKPGEPGPK	IPI00021033.1	3	3.192	0.166	3006.233	4.68
GEMGPAGIPGAPGLMGA	IPI00021033.1	2	2.178	0.23	1639.925	6
GDVPSVGLEGPDVDLQGPEAK	IPI00418700.1	2	2.3301	0.159	2080.238	3.77
VDIDTPDIDIHGPEGKLK	IPI00418700.1	3	3.3462	0.3193	1963.178	4.35
GVSLFDIINPEIITR	IPI00006173.1	2	3.3901	0.3068	1687.961	4.37
LFLSLLDFQITPK	IPI00006173.1	2	4.0466	0.4151	1535.852	5.84
IDLESTIDMSCAK	IPI00170429.3	2	2.1855	0.1932	1483.661	4.03
LVFFEVSPVSFHQVSEVLSEEKSR	IPI00170429.3	3	3.0036	0.1018	2781.112	4.91
ILYCLQEGSVESETLSMSAMESFIEK	IPI00021984.1	3	3.0245	0.124	2983.352	3.98
GVVNLLLQGLVPK	IPI00021984.1	2	2.1624	0.1132	1350.675	8.75
LLATATANGHGLK	IPI00001786.3	2	2.1655	0.1221	1267.46	8.76
SVSDTYDPYLDVALEIRQAANIVR	IPI00001786.3	3	3.6195	0.1386	2709.992	4.23
LLLLYEFEVR	IPI00307536.1	2	2.3773	0.2144	1295.552	4.53
TCLLMAVAVDLEQGR	IPI00307536.1	2	2.21	0.1913	1676.954	4.37
LLMDQLIAHEAQEEAYR	IPI00410082.2	2	2.2441	0.2077	2031.279	4.4
QDFVAQWQADFNSLPDDLWDDEETK	IPI00410082.2	3	2.958	0.2282	3014.118	3.5
LSDADLAGPLQK	IPI00299524.1	2	2.3258	0.119	1228.377	4.21
DPSGTKGFAAFLTELAER	IPI00299524.1	2	3.018	0.1271	1911.105	4.68

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LSSIDLNDQVEGDDRAFEVWQER	IPI00549822.1	3	3.2481	0.1639	2722.862	3.9
SLTVLGLRAEDAGEYVCESR	IPI00549822.1	3	3.0077	0.1288	2226.423	4.41
LWQQATQLGQQALLAAGTPTK	IPI00219168.5	2	2.2212	0.136	2225.533	8.75
VEEPGYAESQPLQGQVETLQGLLK	IPI00219168.5	2	2.4591	0.1865	2614.889	4.09
LYMQLDEGSLTFNANPDEGVNHFMSK	IPI00383464.1	3	3.0834	0.1001	2959.26	4.31
KLYMQLDEGSLTFNANPDEGVNHFMSK	IPI00383464.1	3	3.084	0.1718	3087.433	4.75
MFYAVTLLFLLLWGPYVVASYLR	IPI00016902.1	3	3.0489	0.1891	2737.339	8.25
AQFPCCQSPR	IPI00016902.1	2	2.3592	0.1883	1251.361	8.11
PQFQEILR	IPI00023330.2	2	2.5538	0.1597	1031.19	6.43
ALNFLVNEFLLK	IPI00023330.2	2	2.3672	0.1099	1421.709	6.05
QNISLVQDQLAVSAQEHSFFLSKR	IPI00029372.2	3	3.0283	0.2272	2747.059	6.75
WAEESLHSLTSK	IPI00029372.2	2	2.4241	0.1897	1388.508	5.4
QNSPVVEVWDK	IPI00175649.3	2	2.2588	0.1396	1301.43	4.37
IVEGLKFPNEFDELEIQGK	IPI00175649.3	2	2.7841	0.3032	2206.48	4.25
SCDASLAELGDDKSGDA	IPI00290854.1	3	3.2678	0.2328	1954.978	4.04
LTNLVIAMAR	IPI00290854.1	2	2.198	0.2901	1102.376	9.75
SDSCSSDSETEDALEK	IPI00218648.1	2	2.2798	0.1175	1760.697	3.71
VVSVVSATER	IPI00218648.1	2	2.165	0.1512	1047.188	5.97
SLQQTVLSHEPSVTSVR	IPI00394892.1	2	2.3734	0.1025	1869.069	6.47
YGNTVASLQAWLEDAEK	IPI00394892.1	2	2.2876	0.125	1896.047	4.14
TPSSTGPSPVFDIK	IPI00290328.2	2	2.2288	0.1675	1433.588	5.5
VLLESIGSHEELTQDSR	IPI00290328.2	3	3.4895	0.4356	1914.064	4.4
TSHYLTPQSNHLSLSK	IPI00166528.1	2	2.4307	0.1247	1813.992	8.31
MHPSLSHSEALASPAK	IPI00166528.1	2	2.2731	0.1185	1663.88	6.69
YIGIQLTR	IPI00553019.1	2	2.6434	0.1013	964.1436	8.75
QVCPLSPLLFNMVLEVLA	IPI00553019.1	2	2.2868	0.1137	2200.667	6
APVGLLSLAAPALSQQEGSHR	IPI00455750.1	3	3.0228	0.1189	2103.368	6.79
SYPEINPPPLQDQEDHTPAQDK	IPI00455750.1	2	2.2288	0.2201	2520.65	4.1
ASEISIASQVSGMAESYTASSIAQIAAK	IPI00155134.2	3	3.0587	0.3166	2773.067	4.53
GDHTFADSYITVLPK	IPI00155134.2	2	2.3392	0.1625	1664.84	5.21
DQAVMISGESGAGK	IPI00010418.3	2	2.2996	0.2118	1350.481	4.37
LFISTRLGTDEISPR	IPI00010418.3	2	2.9852	0.1411	1705.937	6.07
EHVTIQCAQRQPHVGLR	IPI00444446.1	2	2.7694	0.2153	2030.274	8.36
LLVGVILAMVLAQFAVIR	IPI00444446.1	2	2.4143	0.1532	1927.473	9.75
FPFIPMPLDYILPELLK	IPI00062344.2	2	2.1825	0.1508	2047.531	4.37
STSATDTHHVEMAR	IPI00062344.2	2	2.2157	0.1381	1543.645	5.94

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GLGDSGSEGHSSLSSHSNSEELAAAAK	IPI00045600.2	3	3.0641	0.2076	2586.625	4.8
YQTITILPMEMYK	IPI00045600.2	2	2.2348	0.1706	1631.981	6
GTSDELEDLR	IPI00394994.1	2	2.1507	0.1597	1135.164	3.92
LAQEGLQPAAK	IPI00394994.1	2	2.236	0.175	1126.288	6
LCNNPTPQFGGK	IPI00296099.4	2	2.244	0.1261	1333.469	8.22
NPCTDGTHDCNK	IPI00296099.4	2	2.1804	0.1916	1419.424	5.21
MEEDLRESNPPK	IPI00023977.1	2	3.087	0.1184	1445.581	4.41
SSQGSPSVVVAPSPK	IPI00023977.1	2	2.1649	0.1692	1427.585	8.47
MFKENQSLFSEVASLK	IPI00007122.3	3	3.2505	0.1223	1859.136	5.9
SAPPLLK	IPI00007122.3	1	2.0771	0.1485	725.8994	8.47
FVDDTFQAILSVNR	IPI00155729.4	2	2.8264	0.196	1625.807	4.21
ARLLQEGGGGVAAVVVLDQGSRHWQK	IPI00003478.1	3	4.9201	0.3136	2733.082	8.8
DIQLTQSPSSLSASVGDR	IPI00385555.1	2	6.1351	0.5642	1861.989	4.21
FAALDNEEEDK	IPI00013495.1	2	2.9108	0.1066	1281.308	3.83
DSGGQTSAGCPSGWLGT	IPI00166417.6	2	2.8976	0.1451	1794.854	5.83
DVQMTQSPSSLSASVGD	IPI00387105.1	2	5.8321	0.3516	1866.001	4.21
LLIYYDDLLPSGVSDR	IPI00552943.1	2	5.1535	0.5373	1840.066	3.93
VSLSTICLLNGFQAIK	IPI00009853.2	2	4.0132	0.364	1765.081	8.19
VSWYQQPPGTAPK	IPI00553215.1	2	3.9133	0.4902	1459.631	8.56
IAEFAFEYAR	IPI00030702.1	2	3.4704	0.1754	1217.355	4.53
KSEIHGAPVLFQNLSGVHWGYEETK	IPI00470464.1	3	4.5202	0.2321	2828.131	6.02
VEYAYSDNSLDPGLFVESTR	IPI00005661.1	2	3.0782	0.1227	2263.402	3.92
VLPLPSENWGALVGEWCCHPDPFANK	IPI00376330.6	3	3.7775	0.2427	2995.324	4.65
YELTQPPSVSVSPGQTATISCSGDK	IPI00386576.1	3	4.7482	0.4793	2610.806	4.37
SLIYAASSLQSGVPSK	IPI00161229.3	2	4.399	0.3886	1608.818	8.31
VTISCSGSSSNIGK	IPI00383603.1	2	3.8329	0.4543	1397.508	8.19
LATTVATIR	IPI00442474.1	2	2.7057	0.1392	946.1266	9.75
VLAFSNSCVNPFALYWLSKSFQK	IPI00027686.1	3	3.7198	0.2557	2708.1	9.2
PIVTINTNSISTK	IPI00179453.3	2	3.0577	0.2693	1388.592	9.18
PYTLSVALPGSILTMLSR	IPI00418229.1	2	3.2729	0.2857	1920.306	9.18
YEGVNILR	IPI00028080.1	2	2.7051	0.2951	964.1005	6
PDDGELKELYGLYK	IPI00398874.4	2	3.4284	0.2437	1640.815	4.32
DVQLVESGGGLVKPGGS	IPI00382499.1	2	4.4988	0.1592	1869.112	6.07
NTLFLQMDSLR	IPI00382489.1	2	3.2795	0.3475	1338.558	5.84
FVFGQNMSERVLSPPK	IPI00026337.1	2	3.3497	0.3561	1837.136	8.75
EDAAQGIANEAADK	IPI00217609.1	2	2.7853	0.2478	1403.434	3.92
FSDSGSGTDFTLK	IPI00387109.1	2	3.0831	0.3197	1362.424	4.21
GSVLLGFQMPLWYK	IPI00401986.1	2	3.1464	0.1477	1639.985	8.59
HQGVNITETGLEGLLFGMLDR	IPI00479069.1	2	3.097	0.1619	2301.608	4.65

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AQEALLQLSQALSLMETVK	IPI00106668.2	2	2.6795	0.17	2074.428	4.53
TPNNVVSTPAPSPDASQLASSLSSQK	IPI00291802.3	3	3.8394	0.1437	2584.779	5.5
WYQQLPGTAPK	IPI00382422.1	2	3.0083	0.4214	1289.464	8.59
NTEIGFLQDALSK	IPI00100460.2	2	2.8608	0.2093	1436.592	4.37
PLSTRDSTPIQTR	IPI00171544.2	3	3.9234	0.1199	1472.629	10.03
ICWTVTR	IPI00007461.3	2	2.8226	0.2023	936.0837	8.25
NSFMALYLSK	IPI00003951.4	2	2.3497	0.2152	1174.395	8.59
EVEVEYSTVASPR	IPI00054095.1	2	3.1212	0.1557	1466.575	4.25
GILERLNAGEIVIGDGGFVFALEK	IPI00004101.3	3	3.6879	0.1871	2518.893	4.41
YIYSLYWSTLTLTTIGETPPPVK	IPI00000812.1	3	3.9105	0.1846	2645.042	6
EGIIPANYVQK	IPI00013212.1	2	2.7214	0.2748	1232.411	6.1
LHFDSPPHLLDIYPR	IPI00152269.3	2	2.7107	0.1985	1821.071	5.98
QVLQVFEQYQK	IPI00220580.1	2	3.054	0.214	1410.6	6
VEDPPAPTEPVAVEQLEK	IPI00218845.3	2	3.2682	0.1855	1949.148	3.91
MTTRPQAIGQGLGPCWPISDSAHPR	IPI00457149.1	3	4.4907	0.3171	2735.069	8.02
AYTDELVELHRR	IPI00100630.5	3	3.698	0.2197	1502.657	5.45
FSILIEVSLTKIEK	IPI00001726.4	2	3.1269	0.169	1620.955	6.14
QILPGLSVMNLLSFLLCVPVQGK	IPI00215617.1	3	3.6401	0.2837	2528.088	8.22
MAGAPRGGGGGGGAGEPGGAER	IPI00259687.2	2	3.9718	0.1816	1883.985	5.9
DCELAGSVQDLLAR	IPI00010814.4	2	2.7117	0.248	1547.686	4.03
EIQTVIGERDIK	IPI00465065.2	2	3.0063	0.1414	1401.591	4.68
IFPNTQMSLQAR	IPI00384674.1	1	2.3591	0.1428	1406.636	9.75
LDLLTITSPDNLR	IPI00064477.3	3	3.7537	0.1117	1471.681	4.21
MLAAKSADGSAPAGEGEGVTLQR	IPI00008986.1	2	3.2334	0.3451	2217.447	4.68
YTPSGQAGAAASESLFVSNHAY	IPI00465439.4	2	2.4618	0.1872	2229.348	5.24
ALVNLAADPGLHETLLAADPGLPAR	IPI00009335.1	3	3.3145	0.2963	2496.847	4.54
ATTTVFSAILAFLLVDEK	IPI00160418.3	3	3.81	0.1966	1940.269	4.37
FSGSNSGNTAALTISR	IPI00382442.1	2	4.3053	0.39	1583.685	9.75
ILGLLAAMLPPLK	IPI00385631.3	2	2.6156	0.2232	1350.782	8.75
NYWLLIGHHETPLSASTK	IPI00015974.1	2	2.6942	0.1355	2068.321	6.92
PLLAIPSAGHAIDFHETNTYLEIR	IPI00175685.1	3	3.497	0.2785	2680.011	5.28
PPHLPAVPTPDGAEGSQR	IPI00513806.1	2	2.3938	0.2143	1826.991	5.33
TTSKEELHVLESLSSR	IPI00046188.4	3	4.1089	0.2107	1816.991	5.47
DLMSSSDESTILHLSHENSIEDLQYVK	IPI00293095.1	3	4.1956	0.146	3092.338	4.29
NANTFISPQQR	IPI00028714.1	2	3.5607	0.3993	1276.384	9.75

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PGSAPTTVIYDDNQRPSGVPDR	IPI00382447.1	3	3.7356	0.3998	2343.495	4.43
WLLEDAEEFLAEGLR	IPI00289536.3	2	2.9072	0.2992	1791.982	3.91
TLPPSAWLAAALDSAR	IPI00514089.1	2	2.4266	0.1453	1640.865	5.5
DRLTVLMCANATGSHR	IPI00216621.1	2	2.9377	0.1512	1803.031	8.26
GLQPPVVVLR	IPI00141957.4	2	2.9882	0.1379	1078.333	9.75
LEEQLATSAAQLK	IPI00398913.3	2	3.0456	0.1311	1402.576	4.53
SVPLATAPMAEQRTESTPITAVK	IPI00001890.5	3	3.5046	0.3194	2399.75	5.86
AIYTAMNTVLCK	IPI00418639.2	2	2.5009	0.2068	1385.648	8.24
GSQLEDQALR	IPI00373968.4	2	2.4639	0.1376	1117.195	4.37
LVLINTPPGDQEK	IPI00382748.2	2	2.9007	0.1504	1424.625	4.37
SHTAHVLINVTDANTHR	IPI00003384.1	2	2.5033	0.2538	1887.05	6.78
TPEVSPLSLGAGAAASLR	IPI00455219.1	2	3.1627	0.3289	1697.915	5.66
WFDLKDADINMVTEEDK	IPI00457099.1	3	4.2286	0.1544	2226.452	4.23
MVWRLVLLALWVWPSTQAGHQDK	IPI00018769.3	3	4.0526	0.1416	2736.233	8.52
AMLSGPGQFAENETNEVNFR	IPI00300341.5	2	3.1805	0.129	2212.385	4.25
DVILCISPVITFR	IPI00396145.1	2	2.508	0.2017	1533.831	5.83
EPALNEANLSNLK	IPI00030154.1	2	2.4656	0.2467	1413.559	4.53
ETEGSIPPTETSMSAKELE	IPI00256861.4	2	3.0521	0.1396	2165.362	4.33
FDAKILHLPTYSVDK	IPI00060246.1	2	3.2355	0.1089	1748.015	6.75
IATPARYTVTLGGTSVTV	IPI00290799.1	2	3.1972	0.4354	1936.242	9.99
IWKSAQASPLLQGESQK	IPI00470820.1	3	3.6389	0.3132	1872.115	8.59
NVLNDVQHGR	IPI00062700.1	2	2.5888	0.1123	1152.246	6.74
YEGSGEDGGAAAQSLYIANHAY	IPI00418262.3	2	2.851	0.129	2245.304	4.13
AILAEPKNK	IPI00216750.1	2	3.0042	0.1421	984.1748	8.64
CQLLCESIITDSGELLMR	IPI00376747.2	3	4.2578	0.3157	2139.444	4.14
DGTESYLTVSSHPNSLMK	IPI00021248.1	2	2.7146	0.1999	1967.147	5.32
ELQAQLQEQQVQVEMDMSK	IPI00465084.5	2	2.7568	0.1545	2263.535	4
ESQENLGNPSKNEDNVK	IPI00396658.1	2	3.2494	0.2588	1902.955	4.41
FGFSQDSGHGNGK	IPI00007963.1	2	2.4131	0.319	1338.367	6.74
FSGSGSGTDFTLIISR	IPI00386131.1	2	3.4432	0.295	1645.795	5.84
GSTTATFAAVVLYVENE	IPI00216008.2	2	2.9673	0.2227	1929.12	4.53
IADVTSGLIGGEDGR	IPI00299503.1	2	3.7505	0.5042	1460.572	4.03
LGLNDILVK	IPI00103521.1	2	2.6901	0.2072	985.2027	5.84
SDDTAVYFCAR	IPI00382682.1	2	2.8841	0.3731	1305.369	4.21
MISLPGPLVTNLLR	IPI00303161.3	2	2.9789	0.2763	1524.897	9.5
ALEVTESPLVK	IPI00328793.2	2	2.5774	0.181	1186.38	4.53
APEPDLMSPTR	IPI00470901.2	2	2.3022	0.1597	1214.374	4.37
ASTVPGAEVLLAPLLPPR	IPI00032991.1	2	2.7385	0.1017	1802.151	6.05
DINDHSPTFLDK	IPI00001434.1	2	2.7844	0.1234	1402.491	4.41
FCPTETTMLTNILLR	IPI00006375.1	2	3.0581	0.2335	1811.13	6

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IYVELHQNSPVLICMDFKLSK	IPI00394958.1	3	3.5837	0.2104	2535.98	6.74
KNVDSILEDYANYK	IPI00409675.1	2	3.2771	0.1634	1672.817	4.56
SAQPIEKFVTDIDELGKDLLLK	IPI00023529.1	3	4.2595	0.2118	2473.847	4.44
SQWFSFTNPWTK	IPI00142781.1	2	2.491	0.1206	1529.679	8.47
SSSGGSDSDRSVSGWNELGK	IPI00160265.1	2	3.1759	0.1914	2013.026	4.56
SVLEGGDIPLQGLSGLK	IPI00002491.3	2	2.4153	0.2581	1683.928	4.37
VQEVIFGLALLNSSSSDL	IPI00166010.4	2	2.5936	0.204	2049.314	4.37
AFATMGETVMSVK	IPI00016448.3	2	2.5201	0.2374	1372.637	6.05
APAPLQFGGLR	IPI00220159.4	2	3.2	0.1648	1127.321	9.8
ASQSISSWLAWYQQKPG	IPI00478600.1	2	4.2661	0.5378	2066.305	9.7
CNLPPLSSEYTK	IPI00020197.1	2	2.4464	0.2462	1409.56	5.99
EDRVLGLAVMPLR	IPI00298258.4	3	3.4636	0.1477	1469.778	6.17
EEIHKANVVCVVYDVSEEATIEK	IPI00465059.3	3	3.7303	0.2871	2662.924	4.41
HNSTGQGNVSVSLVPPT	IPI00048230.1	2	2.3909	0.1482	1823.001	8.76
LNISYPPQNLTMTVFQGDGTASTTLR	IPI00071204.2	3	4.0488	0.2525	2827.163	5.84
NLKAMDITGYSDPYVK	IPI00180851.6	2	3.0851	0.1123	1816.068	5.96
QGALIASALIMIQQTEITCPK	IPI00299608.3	2	2.6422	0.1877	2287.7	5.99
SCEELTAVLTPPQLLGR	IPI00060545.2	2	3.3181	0.2937	1885.145	4.53
TDGAKNPELVLEGSLDR	IPI00012549.1	2	2.9235	0.2209	1814.975	4.32
TKELDALLGDLHCEIR	IPI00164069.4	2	3.7291	0.1351	1884.117	4.75
MGPLSAPPCTEHIK	IPI00005694.3	2	2.4287	0.1209	1538.788	6.5
AAQKNMQNSEWATPNPENR	IPI00018320.1	2	3.0214	0.182	2187.339	6.19
AENAVECFQTK	IPI00022443.1	2	2.4532	0.1044	1297.39	4.53
ASTLETGVPSR	IPI00387096.1	2	2.6781	0.2709	1118.223	6.05
DQVLVSCDTGYK	IPI00216882.2	2	2.4209	0.2434	1385.495	4.21
EALQGVGDMGR	IPI00019399.1	2	2.6985	0.3402	1133.261	4.37
ELQGLLNQVQALEK	IPI00384786.2	2	2.7921	0.1159	1583.812	4.53
EYDELAETQGK	IPI00217540.7	2	2.5626	0.1716	1283.323	4
GNVLNMVFFYACHFSICCLK	IPI00168708.1	2	2.4435	0.1114	2481.878	7.96
LKEFGNTLEDK	IPI00021855.1	3	3.1919	0.1132	1294.436	4.68
NAAEAMLLQLGYK	IPI00164481.2	2	2.4576	0.2432	1422.675	6
NFTPSETPTMDIATK	IPI00002234.1	2	3.0323	0.2054	1653.836	4.37
QGPLLDLFGQK	IPI00306532.2	1	2.3123	0.1036	1216.411	5.84
VCLEFQDCGVGLNAAQF	IPI00215966.2	2	2.9502	0.1895	2057.28	4.37
YEDLYSNCK	IPI00004798.1	2	2.5429	0.327	1192.251	4.37
AVTLMTPLPFLLR	IPI00303484.1	3	3.1162	0.1359	1472.864	9.8
ENNELYLELMK	IPI00017423.1	2	2.7359	0.1281	1396.591	4.25
GAPGQLHHGHGAAR	IPI00059711.2	2	2.273	0.2538	1366.473	9.77
GSVARLASSMALAEQAR	IPI00217117.1	2	3.462	0.104	1718.961	9.6

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
HFGSSDTFSTHMSLTGK	IPI00294728.1	2	3.0577	0.1525	1840.995	6.92
HLDSVLQQLQTEVYR	IPI00029235.1	2	5.3133	0.5522	1830.035	5.32
HNDNIMITETGNLFHIDFGHILGNYK	IPI00292690.1	3	3.2128	0.1465	3015.351	5.73
IQDLETENMELK	IPI00008468.1	3	3.0838	0.1069	1463.636	4
IVPEWQDYDQEIK	IPI00024466.1	2	2.6782	0.1771	1663.809	3.92
MSIFGHSMGGHGALICAL	IPI00411706.1	2	2.8521	0.1784	1988.361	8.02
NCYPSPLNYYNFPK	IPI00022239.7	2	2.6214	0.1657	1777.95	8.15
NDSLSSLDFDDDDVDLSREK	IPI00012391.1	3	3.3621	0.3287	2286.306	3.72
RAPQTGIVDECCFR	IPI00001610.1	3	3.8971	0.3784	1709.872	6.06
SADEANVLR	IPI00145593.7	2	3.5975	0.1332	975.0385	4.37
SDQVNLGPSINSK	IPI00150496.6	2	2.4378	0.1764	1359.468	5.55
SGVSCAAVVCLSDLFTYLKK	IPI00513904.1	2	3.0245	0.1218	2219.55	7.77
SMVKSLLYQILDGIHYLHANWVLHR	IPI00170593.2	3	3.4015	0.1157	3008.535	8.29
TLSSVHSEQVFALRLQDK	IPI00022730.1	3	3.3088	0.1326	2059.312	6.42
TLVMLDEQGEQLDR	IPI00107625.1	2	2.8711	0.1866	1647.833	3.92
VETCMFMIKLPQYSSLEIMLEK	IPI00398971.3	3	3.4787	0.1347	2692.245	4.79
VQMILVPQPPE	IPI00420011.1	2	2.8199	0.1035	1251.521	4.6
VYEMYVTVHR	IPI00293757.3	2	2.2809	0.1799	1297.508	6.72
MAAAPGLLVWLLVLRLPWR	IPI00419597.5	2	3.779	0.1224	2176.745	12
MKILLVFDFDNTIIDDNSDTWIVQCAPNK	IPI00152344.1	3	3.4624	0.168	3427.862	3.97
MSAANPETPNSTISR	IPI00006498.1	2	2.4692	0.2127	1576.715	5.75
ADGVLLLYDVTCEK	IPI00412443.1	2	2.9079	0.2231	1596.797	4.03
ADTTTPTPTAILAPGSPASPPGSLEPK	IPI00014414.1	3	3.3776	0.2673	2575.853	4.37
AFSQSSILTKHK	IPI00455388.1	2	2.8698	0.1016	1347.545	10
ANFFRMVISNPAATQSDIDFLIEEIER	IPI00292646.1	3	3.2362	0.1717	3128.505	4.18
AQTVQAVR	IPI00001813.4	2	2.4851	0.1632	872.9926	9.8
CEFCEFVCEDK	IPI00021362.3	2	2.3533	0.1653	1523.604	4
EAFQLQGMPNSSGLMNR	IPI00043550.4	2	2.7179	0.1268	1881.127	6.1
EGSTLGLTISGGTDK	IPI00180230.6	2	2.5056	0.1032	1436.547	4.37
EIGLLSACTIIIGNIIGSGIFISPK	IPI00164782.1	3	3.247	0.1073	2588.073	6.09
EIVDSYLPVILDIIK	IPI00012503.1	2	3.7334	0.3782	1731.066	4.03
ELTYQTEEDK	IPI00302328.1	2	2.4748	0.2548	1256.298	4
ENIQHFQAEEEANLLR	IPI00002232.2	2	2.6817	0.1739	1942.079	4.48
ESSFHHHDAPSSK	IPI00031114.1	2	2.7548	0.2852	1466.497	6.27
GGGHTGASASAQTGSPLLPAASPETAKLMAK	IPI00420049.2	3	3.3978	0.3033	2866.201	8.6
HSLSVQQLSQALQELFQK	IPI00400817.2	2	3.0038	0.1256	2085.349	6.75

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LEILSGDHEQR	IPI00294742.5	2	2.6369	0.2031	1297.4	4.65
LLTLFNPDLANNYK	IPI00181396.3	2	2.7321	0.1172	1636.873	5.84
LPANPSQPVTMTDSR	IPI00455513.1	2	3.1825	0.2801	1614.806	5.84
LSLLEELSLAENQLLK	IPI00025465.1	2	4.2938	0.3596	1814.113	4.25
LTKNMLCAGYK	IPI00394814.1	2	3.1132	0.1919	1299.559	9.2
LVGLTQRIEELEETNK	IPI00297210.2	3	3.9739	0.2397	1873.098	4.49
LVLSATLTGTAIYQVALL LLVGVVPTIQK	IPI00465247.2	3	3.3261	0.2315	2996.66	8.59
NCPDSSDLHNNYGVFLV DTGLPEK	IPI00043430.3	3	3.7009	0.1681	2692.869	4.22
NEELLKVIENQK	IPI00396060.1	3	3.1652	0.1941	1457.655	4.79
NMEVMGFLHGIFER	IPI00301107.3	2	2.5013	0.1717	1680.976	5.4
NSNPDEIEIDFETLK	IPI00440727.1	2	2.4484	0.1215	1764.868	3.83
QFMREAAYLAGLVSR	IPI00307820.3	2	3.5063	0.1303	1712.998	8.75
QLVSLEASLSITK	IPI00002984.1	2	2.378	0.1255	1389.62	6
RVYIMDVYNR	IPI00304324.5	3	3.8326	0.1502	1329.553	8.59
SGTVEEVVVLAVGVVAV	IPI00217128.2	2	2.3273	0.165	1756.077	4.53
SKIEDYFPEYANYTVPED ATPDAGEDPK	IPI00006395.1	3	3.6003	0.2311	3163.303	3.85
SSPTWYSASSFSSSVPTV	IPI00024990.6	2	2.8331	0.2434	2006.158	8.31
SSSFSRSGPGSQLNTK	IPI00220592.1	2	2.8395	0.1225	1640.737	11
TNTGSAMLEQIAMSDR	IPI00023302.1	2	2.5034	0.103	1725.927	4.37
VDMSGLQAKNEILSEK	IPI00140473.4	2	3.0015	0.1955	1763.007	4.68
VSAQQVQGVHAR	IPI00011832.1	3	3.346	0.4328	1280.419	9.73
VSEALGQGTR	IPI00419720.1	2	2.3481	0.1187	1018.107	5.97
YLLADCSEAFLK	IPI00095356.2	2	2.3447	0.204	1430.621	4.37
YSSAGTVEFLVDSK	IPI00465032.2	2	2.6786	0.1587	1503.635	4.37
YVSWYQQHPGK	IPI00003947.1	2	2.5488	0.3312	1393.531	8.5
AGIISTVEVLK	IPI00026216.4	2	2.6053	0.2025	1130.36	6.05
AHAGGSLMCAGSVGK	IPI00604493.1	2	2.3764	0.1043	1403.584	8.27
AMMASASDYFKAMFTG GMK	IPI00002249.2	2	3.09	0.2612	2046.444	8.54
AVSVNDEDLLVRILQGG	IPI00152310.4	2	3.1318	0.2869	1955.205	4.56
DSGVGSGLEAQESWER	IPI00006280.4	2	2.22	0.1364	1707.737	4
EALECYVPVITEEVGSSL EQWLSCGER	IPI00304967.3	2	2.6376	0.1816	3142.404	3.9
EAQQQQHLYR	IPI00023339.1	2	2.798	0.1207	1301.393	6.85
EFVGCFIDFPK	IPI00419263.3	2	2.2677	0.2293	1359.544	4.37
FADAASLLLSLMTSR	IPI00171542.2	2	2.2619	0.2292	1596.874	5.84
FQFVGIENIHVMR	IPI00329385.4	2	2.539	0.227	1590.874	6.75
FSGSLLGGK	IPI00022890.1	2	2.6091	0.2221	865.9968	8.75
FVTSIYPSGEDDVITSPYN SILAMK	IPI00007119.3	3	3.2629	0.1616	2749.086	4.03
GDLVGVVETLTHQAR	IPI00394981.3	2	2.3035	0.2148	1595.782	5.32
GLYDVVSVLR	IPI00219131.6	2	2.7588	0.3028	1121.312	5.84
GPQTLVQVWVGGQLFQ ADR	IPI00161103.3	3	2.9607	0.2597	2100.366	5.84

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GSDRDGGADGMSAECECNIK	IPI00025753.1	2	3.0266	0.2212	2130.182	4.11
ILLYSSTLR	IPI00373894.4	2	2.2629	0.2386	1066.276	8.75
LASPGFPGEYANDQER	IPI00294713.3	2	2.5094	0.2247	1751.835	4.14
LDLDLTADSQPPVFK	IPI00438229.1	2	2.5836	0.1431	1659.862	3.93
LGQVLLCPLPR	IPI00398262.2	2	2.3345	0.1878	1266.552	8.25
LIGQSCTAPK	IPI00027201.1	2	2.3155	0.1083	1075.235	8.22
LLEVLSGEQLPR	IPI00018829.2	2	2.3505	0.1575	1354.577	4.53
LLVVGLGLLLFVFPLLLLLLESVSMQ	IPI00184358.2	3	3.1561	0.3405	2841.613	4
LTSIIFAEDITTGQVLR	IPI00291755.4	2	2.551	0.1881	1878.159	4.37
LVEVGGDVQLDSVR	IPI00219221.2	2	4.6808	0.5365	1486.653	4.03
LVSTIEEDVTVEYGADIASK	IPI00002579.3	3	3.203	0.175	2140.331	3.83
NPIAEVLAR	IPI00514054.1	2	2.3909	0.114	983.1469	6
PGAAWAVLLLLLLLPPLLLLAGAVPPGRGR	IPI00024880.1	3	3.0195	0.1776	3029.786	12
PNGVSAVALLVGEK	IPI00291633.3	2	2.5486	0.1436	1354.577	6.43
RALFLQATPHQDISR	IPI00384225.4	2	3.3096	0.1535	1753.986	9.61
SFFSFLGEAFDGAR	IPI00006146.3	2	3.8486	0.4764	1551.683	4.37
TELTLAPGWEAAALLDATYCKWPEYQR	IPI00017815.1	3	3.1699	0.2811	3155.499	4.41
TIAVLLDDILQR	IPI00061448.4	2	3.8307	0.1962	1370.62	4.21
TSGAPSSWHSSSMYLLSPLNTLSISNK	IPI00397836.1	3	3.0117	0.3078	2867.184	8.29
TVNLTDFSNKWDSTNPFP	IPI00166184.1	3	3.3749	0.143	2212.403	5.63
VAAELQAQVDNNK	IPI00244208.2	2	2.6457	0.1567	1400.52	4.37
VLGQAASDNSGPEDAK	IPI00329352.3	2	2.6311	0.2365	1559.617	4.03
VMSSLLDMGFSNAHINELLSVR	IPI00000645.1	3	3.5328	0.2931	2434.821	5.32
WTGLVGDLLAGRAHMAVTSFSINSAR	IPI00297677.4	3	3.6215	0.2284	2732.114	9.61
YIQQGLVR	IPI00328884.7	2	2.6357	0.2047	977.1424	8.75
YQATDGTVGSWDDGDFLGDESLQEEEK	IPI00375559.2	3	3.0243	0.143	2993.009	3.51
AAPFDDDDR	IPI00177398.4	2	2.1843	0.1184	1022.007	3.77
MALLLSVLR	IPI00168438.3	2	2.291	0.1057	1016.327	9.5
MELSDVRCLTGSEELYTIHPTPPAGDGR	IPI00027356.1	3	3.3236	0.1382	3103.404	4.5
MGLLALPFFAILVMDR	IPI00446226.1	2	2.3513	0.1362	1808.287	5.59
MLQDPDSDQPLNSLDVK	IPI00411324.2	2	2.3536	0.2042	1916.1	3.77
ADLVSLIHCLHM	IPI00019491.1	2	2.5003	0.1082	1409.673	5.97
AMAGSILNSYIPLDK	IPI00019056.3	2	2.6412	0.1089	1593.87	5.88
AMVSPFHSPPSTPSSPGV	IPI00017659.3	2	2.6883	0.1031	1939.185	9.8
APGPPFPQTLGIANVATR	IPI00005635.1	2	2.2679	0.1289	1808.074	9.8
AQNGIAIMVYTNSSNTLYWELNQAVR	IPI00328943.2	3	3.0367	0.1591	2958.298	6.05

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AVAAAAPTELQTK	IPI00554786.1	2	2.8162	0.1649	1271.445	6.05
AWAAGDIVSCLIDLDDG TLSFCLNGVSLGTAFENL	IPI00335085.3	3	3.0496	0.15	3960.34	3.71
AYLNGHSCEAR	IPI00249627.2	2	2.4027	0.1283	1278.35	6.78
CDFLNLQLQQPLQLAQD ATDAFLK	IPI00477333.1	3	3.1239	0.1297	2792.13	3.93
CDSEMYQLLGQRQPSDH LGLAPCCLLFDLCIR	IPI00397137.2	3	3.1104	0.1594	3868.344	4.66
CLGEGGKAITMEIVNK	IPI00167941.1	2	3.1222	0.1098	1721.007	6.14
DDSELDFSALCPK	IPI00465357.3	2	2.3281	0.1318	1497.579	3.84
DEDIPLFPVQTK	IPI00006987.1	2	2.4076	0.2702	1402.574	4.03
DIVMPTYDLTDSVLETM	IPI00005270.7	2	2.4869	0.2508	2157.451	3.84
DLQEIMDSLVLEEPGAAG	IPI00165619.2	3	3.3772	0.2314	2016.259	3.83
DLSAKQLQEMLGLSK	IPI00017375.1	2	3.0938	0.1485	1661.946	6.07
DQDTTPSSHTHLR	IPI00428752.1	2	2.4782	0.1781	1495.537	5.98
EAATPEEESDTLEK	IPI00023217.1	2	2.9726	0.1061	1549.573	3.83
EDTAAAVMYTVVTPLLN PFIYSMR	IPI00169087.1	3	3.1297	0.2296	2704.158	4.37
EHQGGYNGLNQCLK	IPI00377099.3	2	2.2859	0.1634	1618.726	6.83
ELDSLQTEAESLDNTVK	IPI00013976.1	2	2.8231	0.1132	1892.996	3.83
ELPPELLAEIESTMPLCER	IPI00026466.3	3	3.4044	0.1234	2228.543	3.98
ESPPTVDSTQQPNPLPLR	IPI00006213.1	2	2.6378	0.2004	1977.165	4.37
ETEEGNTSSIGHDDQEIK	IPI00385664.1	3	3.2397	0.1062	2118.159	4.35
ETEESALVSQAEALK	IPI00181376.1	2	2.2692	0.1151	1605.726	4.09
EVDMMKEALEK	IPI00220342.4	2	2.8747	0.2469	1323.562	4.41
EVLCDFCLDDTR	IPI00007955.5	2	3.693	0.1265	1543.645	3.84
EWIQFMVEAEPK	IPI00217804.3	2	2.2779	0.1049	1507.735	4.25
FASTALEADIDYEGQK	IPI00398112.2	2	2.4611	0.1265	1758.864	3.92
FGHVDQENSPSFMFQGSS NTEFKSTK	IPI00221325.2	3	3.1265	0.2247	2938.134	5.45
FNIGIKNMINADFSAATV LISFGAVLGK	IPI00012845.1	3	3.2212	0.1459	2913.427	8.59
FQESQEEIKSLTK	IPI00296365.3	2	2.8571	0.1622	1567.723	4.79
FYSPSTPTLSGHNYFLDT	IPI00168510.1	2	2.5044	0.2478	2204.383	6.74
GASSSTNDASVPTTKEFE TLIK	IPI00027078.2	3	3.1821	0.2697	2284.463	4.68
GDALVAGGICQTSIYK	IPI00014363.1	2	2.2568	0.2506	1653.852	5.83
GGTGLDPEELSDAGLDCF	IPI00397069.2	2	2.3886	0.1011	2010.099	3.77
GHVEVIASGAVTQAEDA	IPI00454884.1	2	2.3568	0.1863	1810.947	4.65
HQQLLGEVLTQLSSR	IPI00014310.1	2	2.6332	0.1651	1709.929	6.75
IFYNQQNHYDGSTGK	IPI00020019.1	2	2.8491	0.2461	1772.855	6.74
IGSEEFEEFLLLMDKIR	IPI00069232.2	2	2.7925	0.1212	2070.395	4.25
IIISTNIAETSITIDDVVYVI DSGK	IPI00395595.1	3	3.3414	0.1177	2681.029	3.84
IITYIRSFLDELGFLEIETP MMNIIPGGAVAK	IPI00014238.2	3	3.5463	0.3297	3554.219	4.41
ISYQSSSTEER	IPI00023020.1	2	2.8165	0.4658	1287.315	4.53

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KAHVLAASVEQATENFLEK	IPI00215948.4	2	2.8154	0.1665	2086.334	5.5
KNYELIQYLDEIQTLTEANEK	IPI00018149.2	3	3.4879	0.1198	2556.807	4.25
LALTQRLELLELDHEQTR	IPI00178185.1	3	3.0981	0.2318	2179.463	4.83
LGNLCLEPSR	IPI00382511.1	2	2.6426	0.155	1159.312	6
LLETECPQYIR	IPI00007047.1	2	3.2259	0.2839	1422.602	4.53
LMPGTYTLEITSIPLYK	IPI00019439.2	2	2.5435	0.1081	1941.32	6
LQSQYFPDSVIVKNIR	IPI00016409.2	3	3.2835	0.1636	1908.19	8.59
LVVECVMNNVTCTR	IPI00007797.2	2	3.2407	0.3948	1695.951	5.99
MTNSTVSDVLCIGPPEYQEK	IPI00166085.1	2	2.9904	0.1375	2269.508	4.14
NLINPSSLLELFFELFRCHDK	IPI00018240.6	2	2.9417	0.2544	2593.955	5.45
NVFEETSVKSEDEPPALPPK	IPI00292134.6	3	3.3269	0.207	2214.414	4.25
PEAQVQLQQLRQSVGLLTNELAMEK	IPI00166331.3	3	3.4153	0.3093	2825.235	4.79
PGDTIIEPTSGNTGIGLALAAAVR	IPI00219352.3	2	2.2886	0.1744	2295.579	4.37
PSPGVNADFFK	IPI00002618.1	2	2.2208	0.4184	1179.306	6.26
QEASPNSDFKWVDK	IPI00060549.6	2	3.1951	0.3138	1651.758	4.56
QFEAEDFPSLNPEYER	IPI00300126.4	2	2.3485	0.1821	1972.057	3.91
QLTGLLWNLSSTDELK	IPI00071509.1	2	2.2966	0.1616	1819.049	4.37
RDPSEEIEILLR	IPI00017305.2	3	3.4187	0.1321	1470.653	4.41
SAFSSAETTELSGK	IPI00065063.1	2	2.2516	0.1218	1415.485	4.53
SGDTASLTISGLR	IPI00382426.1	2	2.4772	0.1754	1278.395	5.55
SHLVDPEILRDQSR	IPI00399087.1	2	2.884	0.1123	1665.833	5.36
SLGLPENHIVFPVPIDQCIDG	IPI00299547.2	2	3.6106	0.3469	2321.608	4.02
SNSSAVPSDSQAR	IPI00294052.6	2	2.6813	0.288	1306.322	5.55
STLLNILSGLSVPTK	IPI00026698.2	2	2.4513	0.2664	1543.83	8.47
STLSSMGMSDAFSQSK	IPI00010304.1	2	2.3953	0.3426	1664.84	5.55
SVVVNGIDLLENVPPR	IPI00298912.4	2	2.3321	0.2729	1721.979	4.37
SWENLQSENAVEK	IPI00477837.1	2	2.2334	0.1426	1534.61	4.25
TIQIIAFLAGLSYSK	IPI00414779.1	2	2.1984	0.113	1625.933	8.26
TIQMGSFRINPDGSQSVVEVTVTVPPNK	IPI00383952.1	3	3.1554	0.2635	3002.392	5.74
TITLEVEPSDTIENVK	IPI00179330.5	2	3.4079	0.3408	1788.974	4
TTLNAFEEVEEFPETSV	IPI00329641.2	3	3.2043	0.1568	1943.054	3.51
TTVNTIGATGK	IPI00008225.1	1	2.2272	0.14	1063.187	8.41
VEYIPFDETK	IPI00385261.3	2	2.7826	0.1003	1241.371	4.14
VLPWIHEHIQTGNR	IPI00377076.1	2	2.2955	0.1721	1700.925	6.89
VTSSITIYPSDSSSPR	IPI00395737.2	2	2.4391	0.1158	1697.825	5.81
WLISTDLDQPAAIAVNPK	IPI00024292.1	2	2.4702	0.1764	1953.228	4.21
WVDSEGDPCTVSSQMELEEAFRLAR	IPI00013749.2	3	3.2506	0.1451	2914.148	4.08

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
YNIMAFNAADK	IPI00017450.2	2	2.306	0.1538	1258.429	5.84
AGEEPVPGPMTPTQPPPPLSLPPAR	IPI00550090.2	3	2.9682	0.1687	2534.916	4.53
AGPGGEAGPGGALHR	IPI00002612.2	2	2.3989	0.2819	1304.397	6.79
AGPVAGGLLSPAR	IPI00329745.4	2	2.5107	0.1446	1166.356	9.8
ALDTMNFDVIK	IPI00008524.1	2	2.2146	0.1244	1267.477	4.21
ALHLPPPAQQSPPPPPR	IPI00454936.1	2	2.6334	0.2696	1801.085	9.8
ALNINRMNNVTTLHLWQSAGR	IPI00074256.1	3	3.3499	0.1799	2410.744	12
ALPAFLVLLGEGRHPAIIYFESCEALAR	IPI00376252.2	3	3.3365	0.3113	3115.61	5.5
ALPLPACSSASPTGATAT	IPI00604529.1	2	2.418	0.2066	1830.027	8.29
AMFSATFAYDVEQWCK	IPI00032423.2	3	3.0777	0.1009	1955.173	4.37
APGLGGDAGSPAPPFHSSSYR	IPI00445654.1	2	2.3216	0.217	2029.158	6.79
APLSFHSSLGCVVLPPAGLR	IPI00401146.1	2	2.3265	0.2307	2079.425	8.3
APPEPPAGPYPYVRSPDI	IPI00478692.1	3	3.2753	0.1609	2052.318	6.11
ASLSCPGPLPPFTQLALPLPASLR	IPI00418670.1	3	3.0911	0.2528	2504.946	8.29
ATAATGMNDK	IPI00299554.3	2	2.2921	0.2173	980.0786	5.88
CPLEDPGWNAQITLGLV	IPI00329599.2	3	3.688	0.2036	2012.289	4.37
DCAWGSVEAGPPGAGTVGR	IPI00178097.2	2	2.3853	0.2066	1844.957	4.37
DSPSAVFEQDLENK	IPI00168084.2	2	2.7878	0.1692	1579.647	3.92
DSTFNVFVGK	IPI00182126.3	2	2.2836	0.1571	1114.233	5.84
EAAIWELEER	IPI00022827.1	2	2.3046	0.1793	1246.351	4.09
EHFPNLAQWDSPDPLRPLEFLR	IPI00031098.3	3	3.1605	0.1254	2678.985	4.75
EIEGSQVTFDVAWSPK	IPI00007778.1	2	2.8729	0.3019	1793.955	4.14
FEDLMENLPLPEYTKR	IPI00298935.4	3	3.4344	0.1754	1996.273	4.41
FIAVEQEFFR	IPI00328488.6	3	2.9828	0.1742	1286.46	4.53
FLLHQETLPEQLLAEK	IPI00291200.1	2	2.4548	0.1031	1910.203	4.75
FPGPAGPGGPPPPFPGNLI	IPI00030654.1	2	2.5463	0.1011	1915.226	8.75
FSGSGSGIDFTLK	IPI00454724.1	2	2.3057	0.1507	1316.441	5.84
FVFSYFLATDMISIFEPPVRNSGIIGGK	IPI00018207.3	3	3.3277	0.1474	3107.613	6.07
GGLDLAFQLATPNEIFLK	IPI00305303.3	2	2.2148	0.1042	1948.251	4.37
GLGELQELYLK	IPI00011255.3	2	2.7448	0.2826	1263.465	4.53
GLNSLESTLTFPASTSTIF	IPI00184382.2	2	2.2314	0.1799	1987.196	4
GRLVTINTLFITGGQFFASVVDGAFSYLQK	IPI00044823.1	3	3.6124	0.1378	3251.722	8.59
GSEAINAPGDNPAK	IPI00009793.1	2	3.324	0.3637	1341.409	4.37
GVNQATAGVVASTISGK	IPI00220730.6	2	2.2324	0.2684	1560.735	8.75
GWFPILFELSCIINR	IPI00002186.3	3	4.1066	0.1862	1866.188	6
HALDEVNLASCQLDPAGLRTLLPVFLR	IPI00377214.1	3	3.6355	0.1783	3020.469	5.38

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HPSTFWQSATWK	IPI00412988.1	2	2.5531	0.244	1476.62	8.76
ICFLEAIWSNIFSLNLLDAWYDLTSSGESWK	IPI00384577.1	3	3.0532	0.2555	3681.095	3.92
IESIQLMMDSETGR	IPI00163505.2	2	2.3412	0.1869	1610.836	4.14
IGGSVHLIVNNQLGYTTPAER	IPI00063408.5	2	2.7071	0.2685	2240.505	6.75
IHHDVNELLSLLR	IPI00029705.2	2	2.3087	0.1359	1559.795	5.99
ILIVGEPGFGQGSHLAPAVIHALEK	IPI00170548.1	2	2.5361	0.308	2554.972	6
INENTGSVSVTR	IPI00024046.1	2	2.9975	0.2688	1277.367	6
IPACIAGER	IPI00005721.1	2	2.4177	0.3534	987.129	6
KDLAIHILELLCEIVSANAETFSPDVWIK	IPI00027717.1	3	3.3746	0.2018	3326.821	4.5
LFAVIHMFFGIFSGCI	IPI00149464.2	2	2.2795	0.1512	1860.247	6.73
LFQPFGVIDECTVLR	IPI00171157.3	3	2.9818	0.1783	1795.065	4.37
LILLEEEEQGLK	IPI00036578.1	2	2.3588	0.1141	1414.626	4.09
LLHPALPLLLGATLTFRALR	IPI00060523.3	2	2.9592	0.1721	2187.702	12
LQVLEQQHVIDDLSLER	IPI00384587.3	2	2.2709	0.1724	2036.275	4.31
LSPPWAFVCFGR	IPI00166089.1	2	2.2032	0.1132	1437.663	8.25
LTLEQIDLIR	IPI00007127.1	2	3.2151	0.2958	1214.437	4.37
LVGGPMDASVEEEGVR	IPI00032293.1	2	3.3176	0.2905	1645.817	4
LVQGLALIQR	IPI00217602.4	2	2.4047	0.1318	1111.363	9.75
LVQLFCLLGAIPTLPR	IPI00413952.1	2	2.4369	0.1563	1812.225	8.25
MEDTSFPSGGNAIGVNSASSK	IPI00374054.3	3	3.0538	0.2889	2057.185	4.37
MEQLMSITQEETESLR	IPI00289113.2	2	2.4712	0.1206	1926.16	4.09
MFLAPCSIHLLNTVK	IPI00456522.1	2	2.3937	0.1063	1745.116	8
NVMGHAVEWPVVMSR	IPI00412298.3	2	2.3655	0.1879	1713.021	6.75
PFYLSQLEESVEEDVK	IPI00013773.2	2	2.2046	0.2023	1913.071	3.91
PLQAQNLTSSGPLQAR	IPI00411488.2	2	2.4902	0.118	1681.875	10.18
QMKHLVQALQASLEK	IPI00305267.2	2	3.0815	0.163	1725.05	8.6
QNDSSSHCQKSGSPISSK	IPI00412282.2	2	2.9826	0.2227	1934.993	8.21
QPQLGVLRNAPNMEHVLAVANEEGFVR	IPI00382805.1	3	3.3386	0.2011	2990.39	5.5
QSFASDSSSK	IPI00296803.3	1	2.0605	0.1365	1044.055	5.84
SADDGTQTHSENSSQEN	IPI00244588.4	2	2.2322	0.2185	1963.869	4.31
SCINESAIDSR	IPI00247063.2	2	2.6094	0.1171	1252.308	4.37
SCLQCSESLVGLQEGKSTEQGNHDQLK	IPI00009040.1	3	3.0181	0.1262	3034.227	4.83
SGCGFTEPDELCMVGVR	IPI00470819.1	3	3.0288	0.1031	1915.102	4.14
SLMSVSGAETVNGEVPATPVK	IPI00216890.1	3	3.4736	0.1603	2074.342	4.53
SSLLNSHLQWLLDNYETAEGVSLPR	IPI00009298.1	3	3.2916	0.2094	2844.128	4.65
SSPDNSPVHGMLR	IPI00164387.1	2	2.3438	0.1898	1397.543	6.46
SSVSPQWEGGGQGPGEL	IPI00445543.1	2	2.3962	0.135	1885.972	4.53

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SVKNIHSTPAYPDATMH	IPI00164884.1	3	3.1217	0.1811	2026.266	8.36
TFHEEEGIDEVIVPLPTWNAR	IPI00455518.4	2	2.25	0.2198	2453.691	4.25
TVQGMAQGMAWTGQFTIWAK	IPI00012574.1	2	2.888	0.2347	2213.568	8.41
VEPEWYIPIIPMVLINGAEGIGTGWSCK	IPI00178667.3	3	3.1185	0.1875	3131.627	4.25
VFSHSSPTGLPKPHSPMPSPPEPEHSVGK	IPI00002360.1	3	3.4742	0.1569	3049.409	7
VGETFHASQPSLTVDGFTDPSNSER	IPI00019548.1	3	3.9893	0.1273	2679.794	4.31
VIQEVSGLPSEGASEGNQYTPDAQR	IPI00181905.3	3	3.1244	0.3558	2633.767	4
VIQNIIYYK	IPI00181893.1	2	2.2862	0.101	1154.383	8.47
VPSVEIVTPQLPAVEIEEGRLEMIETK	IPI00024853.2	3	3.4324	0.1103	3008.477	4.21
VTGVLIASLVGLSIVMGAVLR	IPI00011159.1	2	2.3678	0.1863	2069.584	9.72
WPQTPSPLQELSAQSSVLSTTPPDAPSR	IPI00064161.1	3	3.0221	0.1071	2979.248	4.37
YAVSIMWELDK	IPI00291003.5	2	2.4794	0.1256	1355.584	4.37
YEWVVIKHPELTK	IPI00297333.4	2	3.3398	0.2451	1642.922	6.76
YFFLSLQGTCGKSLISK	IPI00240432.1	2	2.8149	0.1299	1950.26	9.2
YIICQIAYGCIEGNVIVR	IPI00399299.2	2	2.3284	0.1942	2142.471	5.99
YIPDMETR	IPI00303053.3	2	2.2577	0.2199	1025.161	4.37
YTPQLIDLDHK	IPI00016335.2	2	3.085	0.2155	1343.51	5.21
YYGQNGQQILSASQDGTLQSFSTVHEK	IPI00169325.1	2	2.3457	0.1136	2988.171	5.32
DIVMTQSPGTLSVSPGER	IPI00394712.1	2	2.353	0.2274	1875.094	4.37
LPWELWTRAQGLPVTAVSQVPAIR	IPI00059971.1	3	3.021	0.1137	2690.139	9.6
MAAAATLAMAPPSR	IPI00401191.2	2	2.1688	0.2125	1359.644	9.5
MAAADLSHGHYLSGDPVCLHEEK	IPI00012209.1	3	2.9773	0.1336	2538.772	5.21
MAFSLANSPVK	IPI00398495.2	2	2.5288	0.1558	1165.388	8.5
MAGAENWPGQQLELDEDEASCCR	IPI00454991.1	3	2.9777	0.1805	2667.792	3.77
MAQSLALSLLILVLAFGIP	IPI00012174.1	2	2.1733	0.1936	2127.665	9.5
MAVESEYSLLRTEASFPTMK	IPI00024289.5	3	3.0627	0.2529	2291.63	4.78
MDEDGLPLMGSGIDLTK	IPI00032848.1	2	2.207	0.1805	1793.053	3.84
MDEMATTQISK	IPI00216694.2	2	2.2339	0.1442	1255.445	4.37
MDLFGDLPEPER	IPI00006164.3	2	2.3633	0.2151	1419.585	3.92
MDQSGMEIPVTLIIK	IPI00106762.1	2	3.3227	0.1331	1676.036	4.37
MDWGTLQTILGGVNK	IPI00019868.1	2	2.249	0.1743	1633.894	5.59
MDWQPDEQGLQQVLQLLK	IPI00164417.3	2	2.1666	0.1796	2170.475	4.03

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MEDGVAGPQLGAAAEAAEAAEARAR	IPI00023978.3	3	3.0298	0.1543	2413.611	4.25
MEEELAIQQGQLETTLK	IPI00412458.1	2	2.342	0.1805	1962.212	4.09
MEEEQDLPEQPVKK	IPI00015990.1	3	3.4868	0.1149	1700.892	4.25
MELEAIILSEVTQGQK	IPI00443821.1	2	2.3949	0.1749	1790.072	4.25
MEMDGDPYNLPAQGQGNIIITK	IPI00237941.1	3	3.315	0.1105	2406.722	4.03
MESWWGLPCLAFLCFLMHAR	IPI00026514.1	3	2.9	0.242	2526.994	6.49
MFLLLTALQVLAIAMTQSQEDENK	IPI00000700.1	3	3.0036	0.2019	2709.176	4.14
MFPEPPTPGPPSPDTPPDSSR	IPI00011727.2	2	2.3418	0.2692	2207.405	4.03
MGMLLSLYIQALLASAD	IPI00402340.1	2	2.1869	0.191	1939.373	5.59
MGSWALLWPPLLFTGLLVR	IPI00010356.1	2	2.3928	0.1123	2171.678	9.5
MNFLRGVMGGQSAGPQHTEAETIQK	IPI00031583.2	3	3.3254	0.251	2689.025	6.51
MNGTEGPNFYVPFSNATGVVR	IPI00027391.1	2	2.4484	0.1941	2258.499	5.75
MNPIVVVHGGGAGPISK	IPI00555734.1	2	2.4595	0.1268	1633.94	8.52
MPLYEGLGSGGEK	IPI00302690.5	2	2.2452	0.1906	1338.512	4.53
MRLLALAAAALLAR	IPI00043501.3	3	3.1195	0.1541	1454.853	12
MSASVVSVISR	IPI00009407.5	2	2.305	0.1982	1136.348	9.5
MSEQEAQAPGGRGLPPDMLAEQVELWWSQQPR	IPI00059631.1	3	3.0338	0.1374	3624.02	4.25
MSLGLISIFQKPSSGSVTG	IPI00166622.6	2	3.6867	0.1598	2038.398	10
MSLLNPVLLPPK	IPI00301480.5	1	2.0868	0.2074	1322.685	8.5
MTESCPEVMGVLR	IPI00095592.7	2	2.1998	0.268	1509.768	4.53
MVHFQASEVQQLLHNK	IPI00385749.3	2	2.2285	0.1384	1910.19	6.69
MVMLEDSNSSTGCGAR	IPI00446239.1	3	3.3031	0.1677	1715.882	4.37
MVNAAVNTYGAAPGGS	IPI00179503.5	2	2.3281	0.1387	1636.815	8.5
MWPSLGFTAINELR	IPI00093853.3	2	2.1818	0.1201	1635.912	5.75
SSPSAGPHLPQQVLISR	IPI00413503.1	2	2.2499	0.1207	1775.002	9.49
AAHAPPAAAAEAPK	IPI00397733.2	2	2.2632	0.3421	1273.423	6.79
AANSLEAFIFETQDK	IPI00000877.1	2	2.6762	0.2787	1684.828	4.14
AASEQYIDTEK	IPI00396534.4	2	2.43	0.1081	1255.313	4.14
AASYIECSALTQK	IPI00009644.1	2	2.8789	0.2328	1442.59	6.04
ACAWLSANITALIR	IPI00217439.5	2	2.2736	0.1051	1560.816	8.29
ACGNFGIPCELR	IPI00217223.1	2	2.5289	0.1064	1394.545	6.03
ADCPVPITDLPDSSGK	IPI00329053.1	2	2.2648	0.2175	1672.809	3.93
ADLSGMSGAR	IPI00027444.1	2	2.7761	0.1699	965.0671	5.88
AEAGGLPELR	IPI00024969.1	2	2.1719	0.1287	1013.13	4.53
AEELLAAAAQR	IPI00183533.4	2	2.1829	0.2048	1143.276	4.53
AEGAATEEEGTPK	IPI00299024.8	2	2.2221	0.1036	1290.316	4.09
AEGAPGSAER	IPI00248306.3	2	2.1646	0.1794	944.9693	4.53
AEGEGKPTR	IPI00302135.3	2	2.9538	0.2232	945.0124	6.19

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AFAVQSAVR	IPI00006099.1	2	2.1871	0.1306	949.089	9.8
AFGQSSSLIHHQR	IPI00012527.3	2	2.4854	0.1147	1468.602	9.81
AFNLSSYFTTYQIIQNGE	IPI00514232.1	2	2.2137	0.1772	2225.442	6.04
AFSTCAGHLMVFLIFFGS VSLMYLR	IPI00169204.2	3	3.2976	0.3192	2869.433	8.27
AFYSSSNLTLHK	IPI00457261.1	2	2.1548	0.1453	1368.52	8.64
AGGSASAMLQPLLDNLD LSGNSLSICV	IPI00556291.1	3	3.1546	0.3509	2705.029	3.56
AGITSALASSTLNNEELK	IPI00164441.5	2	2.2463	0.117	1819.992	4.53
AGLPRHIYPAVEFLGPCE QGER	IPI00247309.2	3	3.374	0.2914	2497.787	5.5
AGQLIQTVSAVDQDDPR	IPI00307612.3	2	2.36	0.1431	1813.947	3.93
AGRVVEDLINHYVVVFS VDEEELR	IPI00181697.2	3	3.2482	0.319	2789.093	4.35
AGSDGVVFSVTTVDLKW	IPI00455949.1	2	2.8912	0.1768	1910.16	6
AHAAPVHQHQGAAGGG REHALR	IPI00043236.3	3	3.0954	0.2312	2229.41	9.66
AIAQMTQSLLLSLAARSQ LQELR	IPI00182545.7	3	3.7849	0.1365	2542.984	9.64
AIGVLTSGGDAQGMNAA VR	IPI00009790.1	2	2.5103	0.1021	1789.008	5.88
ALIYYTFGSAGGNMMSQ MILGYR	IPI00295743.5	3	3.0652	0.2895	2545.986	8.54
ALLVLLDEEAANAPTK	IPI00016697.1	2	2.1587	0.171	1668.913	4.14
ALNVEPDGTGLTCSLAPN IISQL	IPI00024915.2	2	2.1574	0.1509	2384.662	3.67
ALSMCPPSPLGCELVK	IPI00029236.1	2	2.4779	0.1824	1760.076	6.03
AMGDEESGESDSSPK	IPI00033086.3	2	2.3189	0.2222	1526.52	3.83
ANDIFISQYTMGQK	IPI00006096.1	2	2.3977	0.1415	1616.82	5.88
APAAEAVAEGASGR	IPI00013201.1	2	2.2902	0.438	1257.336	4.53
APHAQLTLPSLIQSTAR	IPI00402315.1	2	2.3524	0.2063	1805.072	9.8
AQEAPGTNGSLVLATPG AGARPEPDSLQAR	IPI00015525.1	3	3.0151	0.3884	2933.184	4.68
AQQVSQGLDVLTAK	IPI00291175.3	2	2.5657	0.2718	1458.643	5.88
ASEGESGGSMHTALSDL YLEHLLQKR	IPI00215610.2	3	3.0458	0.1997	2831.112	5.36
ASIMSSDTNVNK	IPI00151636.2	2	2.7221	0.2415	1267.392	5.88
ASPGNLSQFEDILFGNND MSASIGVVGVK	IPI00017303.1	2	2.4755	0.2232	2968.288	4.03
ASVIEMFLVLLVTGVHSN	IPI00180759.4	2	2.2416	0.1157	2058.474	6.79
ATATTTWMVPTAQEAPT SPPSSR	IPI00306511.2	3	3.0926	0.2541	2389.628	6.05
ATLLGEELASAAAAR	IPI00011232.2	2	2.2266	0.1558	1444.616	4.53
AVGDDIVLVR	IPI00414077.2	2	2.1779	0.1347	1057.226	4.21
AVGIQGNLSGDLLQSGG LLVVSK	IPI00152199.3	2	2.3087	0.2443	2226.559	5.88
AVGNIYLAFDSFILIWR	IPI00259693.1	2	2.2792	0.1401	1999.343	5.88

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AVNFAMHELQLIR	IPI00216332.1	2	2.3165	0.1078	1542.831	6.79
AVQLENELENFTK	IPI00293073.3	2	2.4701	0.1454	1535.681	4.25
AVSLGPWVHLIEELQLFDQEPMR	IPI00073763.4	3	2.9716	0.1479	2709.116	4.4
AWFREGFNEK	IPI00386427.1	3	3.3545	0.23	1284.404	6.19
AYSVLQATVAAATTTPTAK	IPI00470771.2	2	2.2153	0.1559	1866.105	8.63
CASWGQITYSVFYIHK	IPI00397540.4	2	2.2516	0.1645	1961.202	8.18
CLCNLVLSSPVAQMLAAEAR	IPI00100106.1	2	2.3128	0.1847	2204.564	5.99
CQFAHCSLPAGPGIQHLLFLLWK	IPI00412302.1	2	2.367	0.1633	2695.144	8.08
CQSQDGAEAALQEIEK	IPI00004536.4	2	2.177	0.1075	1777.862	4
CTGLSQGLSILLPK	IPI00014684.3	2	2.1514	0.2371	1487.76	8.22
CVLAADEVVFNQK	IPI00399121.2	2	2.3547	0.1435	1493.68	4.37
DAFFAIPLAPK	IPI00003539.1	2	2.2012	0.3201	1190.415	5.84
DAGLIEANGELKVFIDQNLSPGK	IPI00029095.1	3	3.0067	0.19	2429.711	4.32
DASVPLIDVTNLPTPR	IPI00059279.5	2	2.5489	0.2087	1708.937	4.21
DDDIDLHDNEEEDEAVL	IPI00396475.1	2	2.2082	0.1865	2256.28	3.69
DDPSAMDFVTSAANLRMHIFSMNMK	IPI00023234.3	3	3.0644	0.1306	2831.265	5.3
DDQQLKNMSGQWFYEA	IPI00030536.4	3	3.4931	0.1238	2089.274	4.56
DEDEEDEEDK	IPI00020599.1	2	2.6495	0.1624	1253.12	3.54
DEGSYTLEEPK	IPI00023942.1	2	2.3474	0.1642	1268.309	4
DELHIVEVEAMNYK	IPI00147878.4	2	2.1673	0.1522	1690.899	4.4
DFQDIQQLSSEENDHPFHQGPPPAQPLAQR	IPI00150200.1	3	3.5092	0.1004	3428.629	4.42
DFTCNPLNSISEPK	IPI00452091.1	2	2.3581	0.1939	1622.752	4.37
DGIEPMWEDEKNK	IPI00027485.3	2	2.9212	0.1915	1591.725	4.18
DGTFPLPIGESVTVTR	IPI00008494.3	2	2.5388	0.2508	1689.891	4.37
DIAYQLMHNIR	IPI00291910.3	2	2.2063	0.1906	1374.594	6.74
DIFGASDPYVK	IPI00023287.3	2	2.2226	0.1294	1212.333	4.21
DIYEVAVSLIQMFDDLDMK	IPI00384419.2	2	2.4083	0.1254	2246.586	3.71
DLEIVLCSEPPM	IPI00027264.5	2	2.1959	0.1054	1403.617	3.57
DLNGILLLDTALQTPVSK	IPI00299635.3	2	2.4171	0.167	1912.217	4.21
DLPFVEEIK	IPI00218013.4	2	2.1703	0.1201	1090.251	4.14
DLPLDSENVQKDLVGLAIENLHK	IPI00103595.2	3	3.1676	0.17	2561.873	4.43
DQFALTASEAHLK	IPI00043622.3	2	2.1833	0.1993	1431.576	5.32
DSLGDIDSEKDSLNIVMYQGDTPTLEEDLK	IPI00304761.6	3	3.0979	0.1647	3342.585	3.72
DTSLDIQHVLDK	IPI00397875.1	2	2.5753	0.1846	1384.517	4.41
DVAIIELNENEENQVTR	IPI00061354.4	3	2.92	0.2574	1987.115	3.91
DVNVR	IPI00464999.1	1	2.1388	0.1128	602.6632	5.84

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
DVQLLQLCLQQFPDIPESVTCACLK	IPI00303813.5	3	2.9139	0.1312	2977.38	4.03
DYCNNYDLTSLNVK	IPI00385480.4	2	2.2319	0.1054	1719.824	4.21
DYEIMFHVSTMLPYTPNNK	IPI00413362.1	2	2.1679	0.1296	2301.627	5.32
EAAGFLDRSTSSTPVK	IPI00063635.1	2	2.7512	0.1898	1666.814	6.17
EAASFCEMCPSSFCK	IPI00102107.1	2	2.2261	0.2713	1811.972	4.53
EAREDAELDAEIELEMAQGPGSAR	IPI00028915.3	3	3.1604	0.1279	2588.748	3.94
EAVPEQGTFPISCACK	IPI00402341.2	2	2.1631	0.1506	1794.971	4.53
EDIDVSILPQLEHCSSR	IPI00002756.1	2	2.5278	0.1453	1999.162	4.31
EEDFYEDLDR	IPI00215651.1	2	2.1514	0.1979	1331.323	3.71
EEHCPLAWGNINLFDYTDTLVSGK	IPI00031386.1	3	3.0697	0.109	2781.019	4.31
EELPLFSDSFQDAYIPHNPDSK	IPI00159494.6	3	2.9857	0.1341	2550.718	4.1
EEVVLLTHGDSVDK	IPI00029079.5	2	2.2129	0.3218	1541.685	4.31
EFLGLSPFSLIK	IPI00465253.1	2	2.3172	0.1635	1351.615	6.1
EFNNWFNVTGSDKCVFL	IPI00014854.1	3	3.1305	0.177	2206.435	6.16
EFQAALGGNVPR	IPI00015135.1	3	2.9729	0.1176	1259.396	6.1
EHHHQSSVNNISYMK	IPI00026308.1	2	2.3077	0.1442	1811.96	7.11
EIDILPTQLVNTSSVQLVK	IPI00003425.4	3	2.9105	0.1297	2098.426	4.37
EIDLESIFSLNPDLVPDEEIEPSPETPPPPASSAKVNK	IPI00010368.3	3	3.5662	0.36	4103.487	3.84
EIDLLLGQTDDTR	IPI00168235.4	2	2.1505	0.1503	1489.61	3.84
EIEGLAPSPR	IPI00043427.1	2	2.3863	0.1532	1069.193	4.53
EIHVNIEATFK	IPI00009802.1	2	2.2542	0.1162	1301.473	5.4
EIPHLVAVKSQGPALTASQSVHEQPTK	IPI00218902.1	3	3.0562	0.3167	2854.211	7.02
EISCRDIEDFLLPTR	IPI00431738.1	3	3.0303	0.1182	1865.071	4.32
EISEVFPDQFIHLGGDEVEFKCWESNPK	IPI00012585.1	3	3.0443	0.1918	3338.618	4.25
EKADLSELVK	IPI00178129.3	2	2.8497	0.1533	1132.289	4.68
EKDPQPQQLPPMDPKLL	IPI00044891.1	2	3.4964	0.2146	2103.471	6.22
ELHNTPYGTASEPSEK	IPI00004506.3	2	2.1996	0.168	1760.84	4.75
ELLQEQLEQLQR	IPI00002411.2	2	2.3776	0.1659	1527.705	4.25
ELPVLNVSLGPFSTSQVVAR	IPI00413912.1	3	3.1971	0.4567	2114.431	6.1
ELQNSIIDLLNSVFDQLGSYR	IPI00386551.1	3	3.1435	0.2487	2425.68	4.03
ELQSEMEVMAPDPSLPVGMIQKDQTDK	IPI00216772.1	3	3.1269	0.2239	3018.431	4.02
ELTYTEATFDKLVK	IPI00411343.2	2	2.9664	0.1329	1658.874	4.68
EMDSNTVIERFPTIGQLL	IPI00023608.1	3	3.0208	0.3449	2263.6	4.68
EMTSPLVSDDDVFPLSPPDMSFPASLAAQHFLLEEE	IPI00329024.4	3	2.9036	0.3022	4092.553	3.84
ENEALKAKLDK	IPI00216616.1	1	2.5977	0.1617	1259.435	6.28

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ENETLFALCFVPFVCWIVCTVLR	IPI00168279.1	3	3.2961	0.3046	2875.334	4.53
ENFPNFLSGCEK	IPI00477977.1	2	2.1829	0.2249	1442.549	4.53
ENPEFDLHFEK	IPI00019427.2	2	2.1701	0.1672	1405.493	4.4
ENVLMHSSILAPER	IPI00374221.4	2	2.7563	0.1791	1596.834	5.4
EPNSLHGGVR	IPI00060200.3	2	2.1866	0.171	1066.153	6.85
EPSFLESDSDPSRHSQLVSGDLSLTH	IPI00446574.1	3	3.1112	0.231	2841.981	4.42
EQEKLQRQLDEPK	IPI00439415.3	1	2.415	0.1019	1641.808	4.87
EQMLEYMEQLQEEDLK	IPI00017619.1	2	2.496	0.101	2057.289	3.83
EQMLSCTQNIDGIVGFASTEK	IPI00472263.2	3	3.0707	0.2568	2329.564	4.14
EQPSKSALVSLPSWLLATPQASATSMMASVPSR	IPI00168507.3	3	3.3987	0.1062	3430.941	8.85
ESFTRLTELVLQAHR	IPI00394882.2	3	3.2202	0.2144	1801.04	6.86
ESHDYYSLGDIVANGHSLNGR	IPI00184855.2	2	2.2525	0.2251	2305.406	5.21
ESYTEEIVSEAESHVSGIS	IPI00290410.3	3	3.0099	0.2758	2210.298	4.32
ETAPVQLPVSGPELAAMMK	IPI00005826.1	2	2.4021	0.1171	1970.344	4.53
ETQSQYQALEK	IPI00008144.2	2	2.2609	0.1693	1325.407	4.53
ETTTEQALPPALLLGIR	IPI00016661.1	2	2.2899	0.1098	1824.112	4.53
EVEQFDVATHLQTAPELVDR	IPI00180454.4	3	2.9352	0.1724	2298.495	4.17
EVSGPVHGQMGPGK	IPI00166114.1	2	2.1923	0.1008	1380.555	6.85
EVSNFTMGSPLR	IPI00029178.1	2	2.4402	0.2594	1338.515	6.1
EVVPAIEKLLSSDWK	IPI00009049.1	3	3.1438	0.2468	1714.984	4.68
EWLENIPK	IPI00102543.4	1	2.0072	0.1204	1029.171	4.53
FASVLPEYLKVFK	IPI00182861.6	2	3.0075	0.1488	1541.858	8.5
FDILMTSNEINATGHQQTLLVPSEDGATVLFPIR	IPI00152540.2	3	3.0854	0.2495	3730.2	4.31
FEASAFSYYGVMALTASPGENKSPPR	IPI00396142.2	3	3.084	0.2655	2779.077	6.14
FEESKSITEGLLTQK	IPI00016408.3	2	2.7842	0.1304	1710.907	4.79
FEQGFITDPTVLSPSHTVGDVLEAK	IPI00456805.1	3	3.063	0.1906	2688.97	4.31
FEVYSISNILWEYSGYTE	IPI00376556.2	3	2.9234	0.11	2329.546	4.25
FFLEAGPVTSLLMSPEK	IPI00375927.1	2	2.4118	0.1102	1867.198	4.53
FGEISSSDEITMK	IPI00294653.1	2	2.2382	0.1058	1444.59	4.14
FIEALGHTWHDTCFICAVCHVNLEGQPFYSKK	IPI00024370.1	3	3.0639	0.2304	3867.301	6.27
FIEMGFIDEK	IPI00295461.1	2	2.8202	0.1046	1229.427	4.14
FIISFAEDEAVR	IPI00556084.1	2	2.1546	0.1562	1397.558	4.14
FLAEHPNVTLTISAARLYYYR	IPI00413447.3	3	3.0515	0.1523	2499.851	8.5
FLLEELLQANLLGQISLR	IPI00413009.2	2	2.5292	0.1107	2071.449	4.53
FLLPPLSLLPTR	IPI00074966.5	2	2.257	0.1044	1367.704	9.75

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FPTKVINLSPFENK	IPI00413658.5	2	2.8675	0.1271	1634.9	8.59
FQIYGLLVTLAMALMGGIIVGLILR	IPI00008820.2	3	2.9533	0.1104	2677.394	8.75
FQQLANISMSGNNLAEILPPALQDIK	IPI00239405.3	3	3.4473	0.1337	2827.249	4.37
FSKEELVSSGPEEAAGK	IPI00300420.1	2	2.8211	0.1199	1765.899	4.49
FTDIVSFLDK	IPI00455580.1	2	2.2565	0.1108	1185.351	4.21
FTLMEQTLPVTVYEMDFLADLMDNSELIR	IPI00003519.1	3	3.0014	0.1303	3436.961	3.71
FTLQKPYECIECGK	IPI00457228.1	2	2.8502	0.1757	1773.995	6.13
FTPNPSAIFQASAPR	IPI00016385.3	2	2.4429	0.152	1604.791	9.75
FVHRLSMLNDSVLWIPAFMVK	IPI00020201.1	2	2.846	0.2432	2505.044	8.75
GADDAADADTAIINAEGGQNNSEEK	IPI00003813.2	3	3.3042	0.1794	2477.452	3.62
GAVLAQGQGDGTVSK	IPI00009303.1	2	2.2942	0.2054	1388.509	5.84
GDAHPLHHDTAILLTR	IPI00007692.1	2	2.1722	0.1441	1767.97	6.26
GFFDPNTEENLTYLQLK	IPI00013933.1	2	2.3716	0.3232	2030.223	4.14
GGGSAAAAAAAAASGGSSDNSIEHSDYR	IPI00028417.1	3	3.158	0.326	2509.502	4.54
GGGVVSVVWEGLRATEDCATGATGPELEAK	IPI00247674.4	3	3.0021	0.208	3018.276	4.25
GGILGGGSGPLPLSNLLSIWR	IPI00375174.1	2	2.4763	0.1245	2065.405	9.75
GGPGGVVTQLPAR	IPI00024994.1	2	2.3525	0.2177	1209.38	9.75
GGPWEVIVK	IPI00002545.1	2	2.9995	0.1006	985.1613	6
GGQNSLAGPQECWLLTASR	IPI00465164.2	2	2.3624	0.1312	2046.224	6
GHDTMCVVLTSRHK	IPI00306239.4	2	2.847	0.216	1641.871	8.24
GHGPHPGEPVQVLVLK	IPI00444457.1	2	2.4842	0.2667	1664.933	6.92
GIYFSMVSVQAGTK	IPI00027481.1	2	2.3279	0.1617	1488.734	8.59
GLELDPEGSLHHQQK	IPI00306604.5	2	2.2178	0.1279	1688.823	5.27
GLGTDESVLIEVLCTR	IPI00017337.3	2	2.2246	0.1153	1762.977	4.14
GLISITTCGDFCILATK	IPI00165984.4	2	2.4824	0.1744	1871.152	5.82
GLLTQNIESSSLK	IPI00057620.3	2	2.2694	0.226	1390.565	6
GMAVEDDQVQAAQVR	IPI00102869.3	2	2.249	0.1078	1617.767	4.03
GMFDSTPTFLTHEVEANVLTSPR	IPI00006195.1	2	2.6331	0.204	2550.829	4.65
GNEEMEKNSEGLLK	IPI00007211.3	3	3.3303	0.1412	1578.727	4.49
GNEGALNSNPAMSR	IPI00397196.2	2	2.293	0.1431	1418.519	6
GNLILHQHGHTGER	IPI00477965.1	2	2.1999	0.1216	1569.71	7.03
GPEEINEELMKNVSHNPLLLLTPQK	IPI00026108.1	3	3.0304	0.289	2845.264	4.91
GPGDGAEEDEAASGGPG	IPI00295601.1	2	2.3213	0.2041	1686.633	3.83
GPKEGLPMGPQPPPEANGVIMMLK	IPI00410319.1	3	3.3119	0.2488	2490.007	6.14

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GQGTCFYFGELPLSLAACTK	IPI00183666.6	3	2.9245	0.3281	2221.482	5.99
GQVVTVHLQTSLENGTR	IPI00328161.6	3	3.3027	0.1388	1840.031	6.75
GSLGSQIGFADLMGVLT	IPI00412386.1	2	2.2842	0.1588	1795.094	5.84
GSSIDVLGIVANLK	IPI00045122.2	2	2.197	0.1997	1386.619	5.84
GTEASSGTEAATGLEGEE	IPI00217686.3	2	2.1545	0.1685	1824.836	3.98
GTTITGTAGTTVGK	IPI00289776.1	2	2.6876	0.2261	1265.396	8.75
GVERLLKMQNQR	IPI00256033.4	2	3.6376	0.1428	1472.742	10.84
GVSNESVPDSPAR	IPI00185219.1	2	2.4484	0.2132	1315.372	4.37
GYPASPNGYPR	IPI00024886.1	2	2.3792	0.1234	1179.266	8.59
HETEIMPVFQGLNELIPMYK	IPI00165949.1	3	2.9007	0.136	2390.807	4.75
HFGLLVVLFSEEYLYK	IPI00442103.1	2	2.2731	0.2145	1958.288	5.4
HGSTHVGFPENLTNGAAAGNGDDGLIPPRK	IPI00479702.1	3	3.2667	0.1041	3001.22	6
HLAILGAGLMGAGIAQVSVDK	IPI00031522.2	2	2.4334	0.341	2022.401	6.74
HLFGWAQNLR	IPI00479562.1	3	3.0333	0.1273	1242.414	9.76
HLTIANSLVILSK	IPI00000035.1	2	2.346	0.1181	1409.699	8.76
HLYIGGDDEPQEK	IPI00217669.1	2	2.2899	0.1077	1501.58	4.31
HNLEELEQVVYK	IPI00295503.1	2	2.1523	0.1165	1501.666	4.75
HTAEVQYNFTCDR	IPI00107595.3	2	2.2095	0.1018	1641.717	5.32
HYGLTEAGNISPSQDPK	IPI00154567.3	2	2.6969	0.1047	1814.934	5.32
IADQVLLLPALLCDFQERVSLDR	IPI00515057.1	3	3.1306	0.1189	2686.094	4.23
ICSLPPIFEILPVK	IPI00394922.1	2	2.3039	0.2067	1626.998	5.99
IDYASLDPLNIK	IPI00296421.2	2	2.2945	0.2421	1362.553	4.21
IEINLSTRMDHMVSSFCIENCHR	IPI00107683.4	3	3.4066	0.1548	2851.2	6.01
IFNPVLNVTAANNLSVSNSASSLQK	IPI00307665.2	3	3.1256	0.2356	2589.886	8.75
IHVSPDFKTYVTVDNLGILYILQTLE	IPI00023630.4	3	3.0249	0.1187	2993.442	4.81
IIFILFIGSSFIALEIQAAR	IPI00442190.1	2	2.3503	0.1109	2223.685	6
IIGHFYASQMAQRK	IPI00008557.2	2	2.8056	0.1706	1650.93	9.99
IIPPQPMEGLGFLDALNSAPVPGIK	IPI00298731.2	2	2.3124	0.1747	2576.051	4.37
IIPQGADSTMLATK	IPI00183294.3	2	2.4937	0.1527	1446.695	5.84
IKCCFLSAGVTALLVIIIIIATSVR	IPI00043560.3	3	3.1703	0.1098	2733.356	8.96
IKELEAEIQQLR	IPI00032393.4	3	3.3014	0.1286	1470.696	4.79
ILEQDQQDKTLLSLNLK	IPI00027774.1	2	3.0502	0.1985	2000.283	4.56
ILFNEVTIGETDNMFNRYSFDITNVVR	IPI00298793.4	3	3.0493	0.1779	3209.578	4.32
ILGVWDTAVSLGK	IPI00102281.1	2	2.5351	0.285	1359.596	5.84
INATDADEPNTLNSK	IPI00028931.1	2	2.5644	0.1948	1603.67	4.03
INFVMCEVNK	IPI00007731.1	2	2.5038	0.185	1254.475	5.99

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INIIILPILPK	IPI00478957.1	2	2.3604	0.1763	1247.638	8.75
IPEDQHALLVK	IPI00396421.2	2	2.2391	0.167	1263.468	5.32
IQVIDISMILAEAIR	IPI00219616.2	2	2.5941	0.2076	1686.054	4.37
ITEIEKCTQEQLDEK	IPI00384536.3	3	3.0889	0.1823	1865.023	4.25
ITIGQAPTEK	IPI00218342.9	2	2.3987	0.2795	1058.211	6
IYAMEISDNPGEHELGEPEFRYTAGIHGNEVLGR	IPI00013941.1	3	3.1509	0.178	3803.127	4.53
KEAEQWYLDTLKQAGLEEDFVR	IPI00043526.3	3	4.0338	0.1563	2669.927	4.36
KMCEVACGGFITK	IPI00465231.2	2	2.8269	0.2297	1501.761	8.05
KNSTASLNIVLLHLTGNVYLSQEK	IPI00385582.1	3	3.3014	0.1642	2644.02	8.51
KNTATQETGPENK	IPI00187159.7	3	3.1733	0.1114	1418.492	6.14
KQPPSVSHFGGNIK	IPI00477096.2	2	2.7894	0.1123	1496.696	10
KTSATSVNLSLLTADLYSLFCGLFLFHYK	IPI00299619.4	3	3.4204	0.1665	3311.808	8.16
KVLDVSNSFAVPFDEDD	IPI00019927.2	3	3.1052	0.237	2026.189	4.04
KVQAFLAECDTVEQNICQETER	IPI00300531.6	3	5.0647	0.1323	2669.87	4.25
KVVAVHLHQTVQVDDELEIK	IPI00063404.4	2	2.7767	0.1103	2301.628	5.31
KVYDLNK	IPI00061507.1	2	2.7859	0.1113	880.0235	8.5
KWPEVLLSPEAVAATTPVPSLLPNPTR	IPI00064377.2	3	3.8252	0.1655	2885.35	6.14
LAFLVPEPEPGPGGAGAAPSGTLR	IPI00332911.2	2	2.697	0.2028	2262.55	4.53
LALDIKIATYR	IPI00396004.1	2	2.934	0.1002	1277.495	8.59
LAVLITNSNVR	IPI00019383.1	2	2.2781	0.2535	1200.413	9.75
LAYLTDIFSILNELSLK	IPI00175182.1	2	2.2047	0.2452	1954.296	4.37
LCLQSSGSVSSEPLSLQK	IPI00031085.3	2	2.2019	0.114	1921.133	5.99
LCLTAYQLHALQPNSTK	IPI00002341.3	2	2.2085	0.1658	1959.229	8.21
LDEDEDEDDADLSK	IPI00029400.1	2	2.2087	0.1172	1609.539	3.47
LDEVITSHGAIEPDK	IPI00030223.3	2	2.2266	0.1329	1624.774	4.31
LDPVPAARCSASR	IPI00294448.1	3	3.2948	0.1309	1400.56	8.25
LEEVERLATELEK	IPI00044751.4	2	3.0579	0.2045	1559.744	4.33
LENLFEALNNK	IPI00013885.1	2	2.4497	0.1807	1305.462	4.53
LFPLMLEGQGEPTCRDHMLHLVHWNAVK	IPI00235626.2	3	3.3262	0.1869	3330.868	6.27
LFRHYTVGSYDSFDTSR	IPI00400977.2	3	3.0156	0.2011	2052.192	6.75
LGASLFTIGFAIYEVPK	IPI00025819.1	2	2.1615	0.1999	1827.156	6
LHNMIVDLDNVVK	IPI00009960.6	2	2.2386	0.1214	1510.784	5.21
LHPAFQTPNSPGSGGFPTGR	IPI00019433.2	2	2.2528	0.2369	2026.201	9.76
LIADVGLVGFPNAGKSSLLSCVSHAK	IPI00167638.3	3	3.1149	0.1426	2642.041	8.21
LILDPKSSVTPAIISAALQQVVHNK	IPI00064201.4	3	3.1009	0.3586	2644.107	8.6

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
LILFMVSK	IPI00419992.1	2	2.192	0.1208	951.2514	8.75
LIMQISATDADIRSNAEITYTLLGSGAEK	IPI00031411.1	3	3.0764	0.172	3083.461	4.32
LISATVHEDGCEVSIR	IPI00442195.1	2	2.2485	0.1881	1786.958	4.65
LIVQPNTR	IPI00020672.3	2	2.1897	0.1014	941.11	9.75
LKDAVQAGINSGTAMSR	IPI00447177.1	2	2.8257	0.2092	1719.945	8.75
LLANSQSLADLLDENMPDLPQDK	IPI00300504.3	2	2.6404	0.1228	2541.817	3.71
LLEPLEAEIQQGVNLK	IPI00006091.1	2	2.551	0.1689	1795.07	4.25
LLGGQIGLEDFIFAHVK	IPI00024705.1	3	3.1578	0.3359	1858.173	5.32
LLIYAASSLETGVPSR	IPI00387095.1	2	2.8042	0.124	1677.923	6
LLLHHANIESANK	IPI00419527.1	2	2.2947	0.1019	1460.663	6.92
LLLYDANIEAK	IPI00007193.3	2	2.1666	0.2632	1263.465	4.37
LLTSGDQPTSASQSAGITGISHR	IPI00020566.1	2	2.2112	0.1316	2285.457	6.74
LLTSGDSSTLASQSAGITGVSH	IPI00477289.1	2	2.1739	0.156	2090.235	5.08
LMTLPDASLLPMLLVLK	IPI00019006.2	2	2.3774	0.1073	1869.409	5.84
LPEPESRGVVIVAVIVCILVLAVLGAVLYFLYK	IPI00016334.1	3	3.0342	0.1271	3615.423	6.13
LPMFSELPCEDQIILLK	IPI00022991.1	2	2.647	0.1322	2047.438	4.14
LSDANGQEK	IPI00175151.3	2	2.4134	0.1247	961.9966	4.37
LSENAGIQSLLLSK	IPI00292953.2	2	2.8379	0.2251	1473.697	6
LSKQLTLQANGSEVHISNVR	IPI00008087.3	2	2.9986	0.221	2195.465	8.76
LSSSDEEYLDEGLLKR	IPI00234154.1	2	2.9842	0.1588	1854.993	4.18
LTEGEQDEASNAAMLLEKETQNENNS	IPI00376045.1	3	3.2412	0.3	2866.965	3.77
LTMLESPLEGTSCCHINLDETQASK	IPI00184097.2	3	3.0964	0.1562	2836.11	4.4
LVEETVVPEEK	IPI00030268.3	2	2.3873	0.1312	1272.427	4.09
LVLPAPQISDAELQEVVK	IPI00465294.2	2	2.6126	0.1383	1950.265	4.14
LVSLEEAQAR	IPI00297288.4	2	2.2552	0.2422	1116.25	4.53
LYFGYSLLGAHPILNQTIGRMQR	IPI00017684.5	3	3.0247	0.2215	2650.098	9.99
MDENEFVAVTSTNAAK	IPI00022388.1	2	2.3582	0.1057	1727.875	4.14
MDLEENPDEQSEIR	IPI00007273.3	2	2.1709	0.1173	1705.783	3.77
MDQQIKEHEHQLVLLQCEIQK	IPI00008756.5	3	3.0012	0.2211	2649.014	5.35
MELLTALLRLFLSR	IPI00514624.3	2	3.3414	0.1962	1677.091	9.35
MGLHGGEVGHLFQMLVSLVR	IPI00168720.1	2	2.2693	0.1103	2181.614	6.69
MGNISQDIIPHHINLSTVTAEDYHLVYDIIQK	IPI00018071.2	3	2.9227	0.1343	3680.143	5.16
MIDSVMSCQQLTGLKSVENGSGESDR	IPI00074943.1	2	2.7723	0.1605	2830.094	4.32
MITGDSQETAVAIASR	IPI00024344.2	2	2.1628	0.1232	1650.837	4.37

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MLANFLASR	IPI00295616.1	2	2.202	0.1135	1023.235	9.5
MMCESFIYNQTLMK	IPI00028229.3	2	2.3819	0.1079	1797.147	5.75
MNFANVFIGANPLAVDLLEKMLVLDSDK	IPI00002857.1	3	3.088	0.1232	3079.623	4.23
MNLNDFISMDPK	IPI00329756.1	2	2.4859	0.1097	1425.656	4.21
MPFINIPVLDIK	IPI00028082.1	2	2.2948	0.1735	1400.754	5.59
MPSESLCLAAQARLDSK	IPI00455228.1	2	2.9454	0.2055	1878.135	5.82
MQEHSDQVPVGNIPRSITVLVEGENTR	IPI00219740.3	3	3.3867	0.1231	3007.329	4.83
MQSYSTIANHILNSK	IPI00218001.1	2	2.1732	0.195	1707.933	8.37
MQYCPHCQGLALTKPCMGYCLNVMR	IPI00019180.1	3	3.2143	0.1069	3090.608	8.49
MSPSLFLPAMKEGCNAY	IPI00043862.3	3	3.0287	0.317	2045.406	7.93
MTASSQLNGSAEQNEESGLLR	IPI00186853.5	2	2.4042	0.157	2223.365	4.25
MTLPNLPR	IPI00020072.3	2	2.7005	0.107	942.1614	9.5
MTVNEGK	IPI00456852.1	1	2.2505	0.136	778.8978	5.75
MVQEGSLVDTLQSSDK	IPI00026580.1	2	2.1753	0.1623	1737.911	4.03
MVSVLPIFR	IPI00301051.3	1	2.1909	0.1121	1062.354	9.5
MYENFVEEVDAVDNGISQWAEGEPRYALTTTLSA	IPI00029444.1	3	3.1536	0.2179	3964.28	4
NAGATCYMNSVIQQLYMIPSIR	IPI00003964.1	2	2.2386	0.2582	2531.93	8.2
NAIVVLIPK	IPI00183462.5	2	2.4238	0.2626	967.2305	8.75
NASDTNVEIFVIGVVK	IPI00145674.7	2	2.4426	0.121	1705.934	4.37
NDANCDCFSGDDGYAK	IPI00464973.2	2	2.1803	0.2323	1809.77	3.77
NFQILDMENTSLDDPSLAILCK	IPI00328972.1	3	3.0889	0.3121	2538.85	3.84
NGQHVASSPIPVVISQSEIGDASR	IPI00302592.1	3	2.9156	0.2241	2449.663	5.32
NHVLSTYFVLGTLESK	IPI00164067.1	2	2.2484	0.16	1809.055	6.75
NITIEGVAYTSECFPCK	IPI00337759.1	3	3.0833	0.2951	1990.187	4.53
NIVENHTAYLVK	IPI00455528.1	2	2.333	0.1171	1401.593	6.75
NLAELDQLWMLKCLR	IPI00217373.1	3	3.211	0.1158	1904.26	6.06
NLDHGKNVNEGDGFEYF	IPI00428401.1	2	2.7935	0.1995	2084.191	4.75
NLEEAELHSTEK	IPI00004859.1	2	2.2158	0.2074	1400.474	4.48
NLIAGISHTGLSGLLLLALVIFKLCFPR	IPI00239992.2	3	3.0976	0.1373	3038.698	9.51
NLIEQLEQDK	IPI00013272.1	2	2.2158	0.1588	1230.35	4.14
NLQLALANSSRNAVALSASPQLK	IPI00293921.3	3	3.032	0.1202	2367.691	11
NLYLSQLIILDTLEK	IPI00220513.1	2	2.3021	0.1137	1777.095	4.37
NPSGSGPPLSIEDLGLNFQFCPSSR	IPI00328911.1	2	2.4526	0.1267	2677.901	4.37
NQGQCGSCWAFSSVGALEGQLK	IPI00300599.3	2	2.2518	0.1786	2385.562	5.99
NQYGIHTSSIFLIPTEYPG	IPI00247240.3	2	2.1747	0.1414	2239.469	5.24

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NSLFPSPISSISPGLHSFTDHQR	IPI00014792.1	2	2.2664	0.1187	2525.761	6.92
NSLTEMELDCAEQIITET	IPI00456828.2	3	3.298	0.1524	2226.439	3.91
NSLTKTQWK	IPI00332067.2	2	2.7877	0.1266	1106.257	10
NSPPKVTVPTSGNTIESPLHENISNSTSFK	IPI00018027.2	3	3.8457	0.3704	3184.46	6.76
NSVDLDDYEEEQDHLDACFK	IPI00166491.2	2	2.3414	0.1949	2443.469	3.8
NTEENLLSLK	IPI00027272.1	2	2.7616	0.277	1161.288	4.53
NTELIQLLELHQQFETFIPYSQMR	IPI00339242.1	2	2.1986	0.1214	2980.387	4.75
NTQMVSSNIITPISLDDVPPR	IPI00030976.2	3	3.0938	0.1719	2298.603	4.21
NTVQGSEAQIPGR	IPI00032224.1	2	2.1671	0.2975	1357.455	6
NVLELTLYDK	IPI00216800.5	2	2.2907	0.1159	1208.386	4.37
NVQNPEHGESWESQGR	IPI00005191.2	2	2.2196	0.2513	1854.875	4.75
NVSIVAFYIYEQTKNAQFIIISLR	IPI00328298.6	3	3.8936	0.1748	2832.289	8.5
NWVDLAWAVSYYIR	IPI00023484.1	2	2.1676	0.1064	1756.984	5.84
PALGNHQEPGAPPAPQGPK	IPI00398878.2	3	3.1513	0.1417	1864.054	7.17
PCDFILRGSGGLFDICEIL	IPI00236062.4	3	3.2145	0.1214	2412.754	4.56
PDGPGGGPGGSHMGGNYGDDR	IPI00221354.1	2	2.2332	0.2322	1957.976	4.41
PDNLLVTSMGHIK	IPI00307611.2	2	2.3534	0.2026	1425.679	7.17
PEEATPSPSPPLK	IPI00183018.3	2	2.1858	0.162	1350.499	4.53
PEGLPPISDVVLDK	IPI00328268.8	2	2.3016	0.1247	1479.7	4.03
PEIVSVTAACEELRK	IPI00030876.3	3	3.0983	0.1372	1702.925	4.79
PESALMGSYGTWPNAAQ	IPI00413874.1	2	2.1924	0.1073	1909.112	6.42
PFNQSSSLSSLR	IPI00018363.4	2	2.3637	0.1674	1323.437	10.18
PGGGPGLSTPGGHPK	IPI00010740.1	2	2.1597	0.2593	1316.448	9.18
PGSQLDSMLGSLQSDLN	IPI00220030.1	2	2.2198	0.1418	1891.094	4.21
PHVQAQQDLQLLLELLE	IPI00003495.1	3	2.9455	0.1548	2116.447	4.65
PISLGCGHTVCKMCLNK	IPI00216992.3	2	2.9008	0.1059	1976.311	8.8
PLFPGNSEIDQINKVFK	IPI00024414.1	2	2.8394	0.3242	1947.223	6.49
PNAIYLFLVRAANAYGISDPSQISDPVK	IPI00219798.1	3	3.3402	0.3258	3021.416	6.37
PQNLLINELGAIK	IPI00023503.1	2	2.2759	0.1585	1423.683	6.43
PQNQFLIQDFSLQPR	IPI00397889.1	2	2.5732	0.2517	1832.052	6.27
PSGEWTDLQLTMLSSESREHTHTLK	IPI00402246.2	3	3.0665	0.1174	2885.159	5.36
PSSYGQQSSYGQQSSYGQLPPTR	IPI00411331.1	2	2.3171	0.1382	2504.611	8.9
PSVISQLEK	IPI00394833.2	2	2.2239	0.1076	1001.159	6.43
PTHAGGGGDELGK	IPI00102259.3	2	2.5734	0.3355	1196.252	5.33
PTTVAVDEEGGEDDK	IPI00457284.1	2	2.1549	0.1996	1562.572	3.71

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PVADGGWAPWGPWGECSRTCGGGVQFSHR	IPI00552841.1	3	3.1112	0.1003	3173.393	7.09
PVPAPGGGGFSR	IPI00022470.1	2	2.3582	0.171	1099.225	10.18
PVSSKCPSLTSECHR	IPI00549870.1	3	3.1748	0.3277	1745.903	8.44
PWEAAALAESLPPPTLR	IPI00550846.1	2	2.1827	0.1229	1820.081	4.53
QAGEAHMAADGETNGSCENSDASSHANAAK	IPI00015526.2	3	3.0403	0.1782	2989.992	4.49
QASLSGEK	IPI00383248.1	2	2.3372	0.1864	819.8833	6
QDQPGALSAAEVEK	IPI00027971.1	2	2.9002	0.2302	1443.542	4.14
QELQNLVAIPEK	IPI00062730.5	2	2.3198	0.1826	1382.588	4.53
QEQPVEEVLEELRAK	IPI00217923.1	3	3.0815	0.1389	1797.988	4.33
QESAMSQGTAPSQLPWR	IPI00221299.1	2	2.7043	0.1752	1875.056	6
QFLCIPR	IPI00300094.5	2	2.3467	0.126	934.1109	8.25
QFLLGPWASLGIQGVGWFCHALQLEETSQVR	IPI00397977.4	3	2.965	0.1602	3529.984	5.4
QLEAEETAEFEDQSVILPPQEKK	IPI00384508.1	3	3.1876	0.204	2659.884	4.06
QLEEGLK	IPI00290903.5	2	2.2077	0.1141	816.9225	4.53
QLLGMLPCSFDEK	IPI00456340.1	2	2.4278	0.1136	1538.784	4.37
QLQMKMCALEEEK	IPI00441030.2	1	2.48	0.1212	1638.926	4.79
QLSNLALLCQNQGK	IPI00021634.3	2	2.3679	0.2299	1587.797	8.22
QPWYQLSNTEAIDCITQG	IPI00025076.1	2	2.1613	0.1962	2281.461	4.37
QRAMLETDVHELEK	IPI00002596.3	3	3.0827	0.2929	1699.911	4.83
QSCFIIFEDSSK	IPI00291983.3	2	2.1519	0.1405	1461.592	4.37
QSPDEFCHSDFEDASQGSDTR	IPI00002354.4	2	2.164	0.1989	2416.364	3.96
QSVRVIPAPGTSSEGAMLTGPPGTGK	IPI00175260.1	3	3.0108	0.3298	2496.826	8.75
QVDEEAALEQAVK	IPI00002355.1	2	2.1705	0.1283	1430.543	4
QVFAELSAVCK	IPI00216164.2	2	2.2909	0.1956	1252.435	5.99
QVQPHMQAGPGSPPSR	IPI00168525.2	2	2.3258	0.2205	1674.866	9.76
QYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFK	IPI00007748.1	3	3.0511	0.1833	3915.392	4.18
RDHPCLQAPELDEHLVE	IPI00394951.1	2	2.7574	0.1802	2215.406	4.87
RDYVVPILIIFNVSLVQCNMSIK	IPI00454831.1	3	3.2507	0.1518	2723.264	8.2
RLQSLGVPGAAASR	IPI00337556.1	2	2.7636	0.1922	1383.582	12
RTYSGVSQDLLDVSSGSQWK	IPI00152653.2	2	3.1768	0.1562	2214.378	5.96
SASPQPAFQIQPETPLNSK	IPI00005031.1	2	2.2402	0.149	2041.25	5.72
SCADCMYPTASGAPEAS	IPI00103742.2	2	2.2078	0.1579	1932.046	4.37
SDPIQEIRDLAEITTLDR	IPI00401264.5	3	3.088	0.2579	2086.289	4.1
SDSGSTSGGSKSQSR	IPI00008500.3	2	2.7751	0.1714	1428.402	8.46
SEAAVGAEVSMTSPGQS	IPI00396286.3	2	2.202	0.1416	1736.883	4.53
SEQAKADLAQLAIIR	IPI00376589.2	2	3.1079	0.1018	1627.868	5.79
SESAFSSALLAIHMFEK	IPI00014820.1	2	2.2238	0.2732	1869.131	5.38
SGLEECAVALNLFLSNK	IPI00187144.4	2	2.2665	0.1062	1866.099	4.53

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SGTSATLGITGLR	IPI00382421.1	2	2.771	0.2465	1234.385	9.47
SIGCDDYLGSDK	IPI00418551.1	3	3.1764	0.2311	1330.374	3.93
SILVSPTGPSR	IPI00032374.3	2	2.4092	0.1121	1114.277	9.47
SIPTCTDFEVIQFPLR	IPI00296777.3	2	2.9552	0.203	1924.18	4.37
SLLENAEAK	IPI00169420.1	2	2.5641	0.1117	975.0784	4.53
SLTGLLSSFVEVESIK	IPI00180305.4	2	2.7051	0.1412	1709.962	4.53
SLVSAPTQILAQFPK	IPI00152627.1	2	2.265	0.1373	1600.884	8.47
SMSLATAGSAFQP	IPI00012514.1	2	2.4665	0.2616	1268.422	5.24
SNLHNSQSCILGTVSFHH	IPI00045208.2	2	2.2649	0.1419	2167.364	8.01
SNYAQFISNTSASNADK	IPI00166612.7	2	2.247	0.1056	1818.879	5.55
SPAQAELSYLNKAK	IPI00100362.1	3	3.0678	0.2618	1520.712	8.22
SPESLPGPALEDIAIK	IPI00020356.3	2	2.3817	0.1457	1637.856	4.14
SPHPTAVEPAQSDFGAR	IPI00009468.6	2	2.4159	0.2367	1767.88	5.3
SPWCDVFDIDDAK	IPI00293748.1	2	2.1624	0.3037	1568.659	3.77
SQEQLAAELAEYTTK	IPI00454865.1	2	2.5257	0.1723	1682.81	4.25
SQNIFLTKDGTVQLGDFGIAR	IPI00044749.5	3	3.312	0.1596	2281.554	5.68
SSQVAIEALSAMPTVR	IPI00101026.3	3	3.818	0.2182	1660.918	5.72
SSSEGIEDETGPPFHLK	IPI00056430.1	2	2.3699	0.1108	1830.93	4.4
SSSSESLSDK	IPI00164944.1	2	2.3133	0.1137	1027.022	4.37
SSTSTLTIHVLGCERR	IPI00177323.5	3	3.1298	0.1266	1818.019	7.99
STLLGVLTHGELDNGR	IPI00010463.3	2	2.4993	0.1378	1682.86	5.3
STVIAMMTQEVEGEK	IPI00006714.2	2	2.6473	0.1836	1653.901	4.25
SVFSLRLTSDFAVSAHGF	IPI00377041.1	2	2.7618	0.1584	2070.336	8.49
SVIDALTMGSTAEGAR	IPI00455695.1	3	3.2704	0.1194	1579.758	4.37
SVNHGSSVSPPQIISSTIK	IPI00431847.1	2	2.1627	0.3184	1939.16	8.49
SYYESHLGSSYITDSMVEDCEPHF	IPI00010279.3	3	2.9986	0.2322	2854.989	4.17
TAAEEALR	IPI00298281.3	2	2.2299	0.1078	860.9354	4.53
TAVDMSGGTVTVLEKVPVSK	IPI00012058.1	3	3.0916	0.354	2019.349	5.73
TCEVAAWCPVEDDTHVPQPAFLK	IPI00293327.3	3	2.9862	0.1079	2671.93	4.31
TCPVWLQLSLGQAEVAR	IPI00329749.2	2	2.8318	0.1115	1929.203	5.66
TDAESDCQSVASVTSPGDVSPPIDLVK	IPI00375866.5	3	2.9775	0.1249	2775.951	3.71
TEDSLMPEEEFLRR	IPI00017451.1	2	2.8179	0.1359	1752.927	4.25
TEEPTVHSSEAAIMNNSQGDGEHFAHPPSEVK	IPI00171833.1	3	2.9033	0.3411	3434.609	4.67
TEKPVWVNQWQLPK	IPI00456667.1	2	2.8174	0.1806	1754.025	8.26
TENEQYLLLTSQNTFLTKLK	IPI00186006.3	3	3.0425	0.2308	2385.698	5.81
TENGNMFEDQNVDK	IPI00397909.3	2	2.161	0.1731	1641.699	3.92
TFPDLVIYVYTKLQNTEY	IPI00015864.1	3	3.1231	0.1129	2364.681	5.73
THISSAALSLNSLHTVR	IPI00015868.3	2	2.439	0.3013	1808.032	9.47
THVNLLCGGVAGAIAQTISYPFDVTR	IPI00166484.1	3	3.2892	0.2844	2762.107	6.4

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TIGSTSIINLILILVCLFCLLLVCRCTQQLR	IPI00418129.1	3	3.1104	0.2456	3693.434	8.53
TLCECAGGLECACPALLEYAR	IPI00023014.1	2	2.2365	0.2405	2415.657	4.25
TLDADISEQNR	IPI00302641.1	2	2.4059	0.102	1262.309	4.03
TLLDFGCHPSLQDSEGDTPLHDAISK	IPI00183054.1	3	2.9179	0.2239	2855.057	4.34
TLNQLQQAQITQGR	IPI00184266.2	2	2.2859	0.1819	1599.774	9.41
TLSVVGPHPK	IPI00007403.1	2	2.1505	0.2418	1035.222	8.44
TMDPGPGGLDTDHAPK	IPI00480027.1	2	2.2322	0.341	1609.743	4.41
TPLPTIIGSPTK	IPI00386993.2	2	2.4241	0.1812	1225.46	8.41
TPVSYPLELSDLQELWDDLCEDYLPLR	IPI00337544.6	3	3.5572	0.3266	3281.604	3.62
TQADVTTVNGTQTNPNI	IPI00328291.1	2	2.2868	0.1724	1903.041	5.5
TQMSSCVAKWLQDEMFHSDFQHHNK	IPI00028275.1	3	3.5692	0.1351	3093.396	6.18
TQVVAGTNYYIK	IPI00032325.1	2	2.5312	0.2334	1357.537	8.17
TSASLEMNQGVSEER	IPI00016580.6	2	2.2491	0.1145	1638.74	4.25
TTDLSIQPHSADLTVQAR	IPI00217001.2	2	2.5802	0.2692	1954.131	5.18
TTVVYPATEK	IPI00335385.3	2	2.2807	0.1997	1109.254	5.66
TVFNNQVGGQTWWLTPIIPTVWEAKASR	IPI00000648.1	3	3.0176	0.293	3201.625	8.41
TVLIMELINNVAK	IPI00303476.1	2	3.4164	0.2169	1458.792	5.66
TVTELGNQLEGKWAVLGTLLQEYGLLQR	IPI00152420.1	3	3.526	0.3949	3131.571	4.78
VESLSQEAER	IPI00302029.4	2	2.9364	0.168	1148.206	4.25
VFILGPQYSGK	IPI00291596.2	2	2.4172	0.1233	1209.419	8.56
VFSTCSSHLLVVSLFFGTASITYIRPQAGSSVTTDR	IPI00303376.2	3	3.1102	0.2137	3907.374	8.2
VHSSLSSVLAALTMER	IPI00001575.1	3	2.9235	0.1103	1701.97	6.72
VIAFTLCAAR	IPI00022355.1	2	2.3002	0.2651	1122.336	8.22
VIVCLEEELSVVTSER	IPI00027157.1	2	2.2001	0.1257	1863.093	4.09
VKGGDDHDDTSDSDSDGLTLK	IPI00183350.1	3	3.0655	0.1184	2178.168	3.99
VKVEPADSVESSPPSITHSPQNELK	IPI00396098.1	3	3.0433	0.1393	2676.918	4.83
VLESGVNVTVSQPTLLVNGR	IPI00182194.4	2	2.2608	0.1956	2083.375	5.97
VLGPPTPLILR	IPI00178854.1	2	2.2824	0.2584	1176.477	9.72
VLILTLVVAACGFVLWSSNGR	IPI00025809.1	2	2.4341	0.1265	2276.7	8.22
VPLVVRLEGTNVQEAQK	IPI00096066.2	2	2.9506	0.153	1881.166	6.11
VPWPVDIVISLECQK	IPI00045492.1	2	2.4513	0.1275	1784.082	4.37
VPYQELGGKTLVMAIYDFDR	IPI00219274.3	2	2.8104	0.1564	2316.661	4.56
VQPIPELSELSR	IPI00017030.1	2	2.2854	0.2068	1368.561	4.53
VQTTPPPAVQGQK	IPI00298977.4	2	2.1513	0.1899	1351.534	8.72

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VQYSVHENQLQMATSLD	IPI00414328.1	2	2.31	0.1379	2120.333	5.32
VSGSSDSVATMNSEEFVLVPQYADDNSTKHEEK	IPI00396010.3	3	3.4348	0.1353	3602.795	4.19
VSYSLNGKDWEYIQDPR	IPI00029693.1	2	2.7772	0.1585	2071.235	4.56
VVLAYEPVWAIGTGK	IPI00383071.1	2	3.5912	0.4125	1603.886	5.97
VVSLLDSTSSMHNK	IPI00292548.3	2	2.2209	0.1194	1518.718	6.71
VYSLGEENSTNNSTGQSR	IPI00029449.6	2	2.235	0.1737	1943.964	4.53
VYVNGTLSTSDPSGK	IPI00394960.2	2	2.2916	0.1107	1525.643	5.81
WLSVGTHYFITVMASGPSPCPLGLR	IPI00375230.2	3	2.9594	0.263	2748.189	8.23
WPSLATSACTPISSSK	IPI00159901.2	2	2.4009	0.175	1693.873	8.22
WSDQLSGFSLHANK	IPI00304621.4	2	2.4394	0.1439	1590.721	6.74
WSFGDNTGLFVSTNHTVNHTYVLNGTFSLNLTVK	IPI00001592.1	3	3.4838	0.1258	3786.161	6.92
YAPIFESDFIQITK	IPI00217863.2	2	2.9259	0.2191	1672.902	4.37
YEEIVAANPGADK	IPI00288993.6	2	2.3083	0.1507	1377.482	4.14
YGLLSNEPSSSSTSR	IPI00293200.2	2	2.2076	0.1204	1585.655	6
YHISVAEEGNDK	IPI00251344.2	2	2.2576	0.1937	1362.427	4.65
YHVPGTGESYTLAADVGILSR	IPI00329084.1	3	2.9671	0.3821	2207.428	5.32
YILDKVEEGAFVK	IPI00004924.2	2	3.0376	0.2138	1511.744	4.68
YLCTVQTTLESLSAVADIIVR	IPI00004433.1	2	2.3765	0.1373	2353.691	4.37
YLGIELTR	IPI00477246.1	2	2.2044	0.2053	965.1284	6
YLIQEMMYEAELER	IPI00177878.7	2	2.2859	0.1547	1819.092	4.09
YLNFANLIMK	IPI00218730.4	2	2.4458	0.1062	1227.501	8.59
YLYAFSIVPMK	IPI00101600.3	2	2.3063	0.1125	1332.635	8.5
YNAVSER	IPI00456492.2	1	2.1095	0.1819	838.8883	6
YNHIPMTLTVFEK	IPI00456878.1	2	2.5037	0.1039	1593.872	6.75
YNYDYFKEDPIIGGIPDGFIQEK	IPI00434781.1	3	3.2777	0.2501	2722.985	4.11
YPASTVQILGAEK	IPI00411937.2	2	2.9178	0.1277	1377.568	6
YQCVKLNDGHFMPVLGFGTYAPAEVPK	IPI00005668.3	3	3.1196	0.4054	3040.477	6.74
YQVSSNGIQSTPLNLATYWK	IPI00472794.3	2	2.1504	0.1077	2271.514	8.5
YRSQQIEENTTVVTMQS	IPI00455686.1	3	3.222	0.256	2214.443	6.14
YVDDFGVSVSNTISR	IPI00004047.1	2	2.2258	0.1787	1659.779	4.21
YVLGQLVGLNSPNSILK	IPI00151170.3	2	2.5468	0.2271	1816.134	8.59
YVVGELIWNFADFMTNQ	IPI00017457.2	2	2.2447	0.1119	2048.306	3.67
AAAEAPPSASWPCVHTPDCGPGRTLSSCAER	IPI00419172.1	3	3.119	0.2246	3297.519	5.45
AAAGGAAGGGARAPR	IPI00384120.1	2	2.9437	0.3122	1211.316	12
AACVLLSLLPVLWVPVAALAQLLTR	IPI00289095.1	3	3.0234	0.2159	2689.312	8.29
AAFSEDGALMDGGMDLNMEQGMAEHLK	IPI00549408.1	3	3.0215	0.2191	2870.21	4.01

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AAGAAEVRPGVLELLAVVQSR	IPI00171404.2	3	3.0355	0.1101	2107.443	6.19
AAGEGPAPPPQNEPAVGHR	IPI00479735.1	3	2.9216	0.125	1852.989	5.4
AALLSTQTLPAPSPTSPPGGILKTSK	IPI00396292.1	3	3.4163	0.1991	2534.934	10
AANVSLGVLLAWLSVPVVLNLLSSR	IPI00304223.4	3	3.0908	0.3279	2593.104	9.8
AASCSDFFPAK	IPI00166164.1	2	2.186	0.1063	1201.304	5.87
AASDPLLSSVSLLSPR	IPI00019490.1	2	2.2181	0.2916	1613.838	5.88
AAVLHPEAQYSSGAG	IPI00385420.3	2	2.1831	0.1436	1458.558	5.24
ACAGRAGGGASR	IPI00402621.2	2	2.8061	0.1061	1091.157	10.35
ACLNPVLYAFVSLK	IPI00012166.1	2	2.2418	0.2518	1595.901	8.24
ADAGHAGVSANMMK	IPI00185448.2	2	2.1664	0.1691	1360.546	6.79
ADEASEGDSPAPAR	IPI00419450.2	2	2.1872	0.1085	1373.365	3.92
ADHQPLMEASYVNLPTIALCNTDSPLR	IPI00399077.2	3	3.3286	0.3147	3028.38	4.54
AEASPNDTAGAR	IPI00045360.1	2	2.2836	0.2828	1160.177	4.37
AEEDSGGNLGALR	IPI00216356.1	2	2.3861	0.159	1289.334	4.14
AEELSIQVSCR	IPI00290856.2	2	3.3454	0.5035	1292.415	4.53
AEGLGGLERFCSPGK	IPI00024641.2	3	3.0131	0.1104	1578.745	6.18
AENLSVPVIGALLR	IPI00181750.4	3	3.8407	0.1286	1452.724	6.05
AEVWDLDIVR	IPI00477242.1	2	2.6135	0.1012	1216.368	4.03
AFFCALLNILSIGCAYSAVQVVPAGNAATVR	IPI00167273.3	3	2.9313	0.1702	3255.743	8.1
AGEPGLQGPAGPPGEK	IPI00186460.5	2	2.1857	0.2008	1462.59	4.53
AGETLLQK	IPI00455934.1	1	2.0451	0.1467	859.9906	6.05
AGFSPDSSK	IPI00294682.1	2	2.4687	0.159	895.9366	5.88
AGLAASIAGSSIINK	IPI00329264.3	2	2.1969	0.2061	1373.581	8.8
AGLNGLQLAVLAR	IPI00102997.1	2	2.4315	0.2291	1296.544	9.8
AGNSSPGPGDPGR	IPI00220335.1	2	2.1546	0.2332	1169.187	5.88
AHDTTPMIVHCSAGVGR	IPI00009066.1	2	2.5718	0.1111	1810.022	6.95
AIGSVPERSPAGVDLSLTGLPPPVSR	IPI00298883.6	3	3.0296	0.1141	2573.93	6.12
ALAAANAAPDPR	IPI00142487.2	2	2.4805	0.3412	1138.259	5.88
ALANDSEDVGQVFTMGSMDGILR	IPI00216560.3	2	2.4069	0.1023	2427.698	3.84
ALCLGVTMVVCAVITYYILVTTVLPLYQKSVWTQE	IPI00219771.2	3	3.132	0.2407	4250.033	8.05
ALGTAAHNMAISLDSFLYGLHVLFK	IPI00006496.5	3	2.9227	0.1128	2691.144	6.96
ALLHSDEHQLLTNPK	IPI00217101.4	2	2.5413	0.1603	1716.92	6
ALLLGILWATAHLPLSGTSLPQR	IPI00409687.1	3	3.1829	0.4133	2429.889	9.8
ALLVISDGGR	IPI00001895.1	2	2.3676	0.1093	1001.162	5.88
ALPAAHIPAPPHEGSPR	IPI00382871.3	2	2.3636	0.3656	1718.94	6.96
ALQLLFSEVQEK	IPI00151119.6	2	2.226	0.1454	1405.621	4.53

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ALRLCPLEPVQDELLYAR	IPI00152730.1	3	3.1394	0.1996	2157.492	4.68
ANDSLGFMLLLALILLATQLVYLK	IPI00014802.1	3	3.1842	0.3933	2635.245	5.88
ANPEGLCYGLFGDLAFAAKESLVAAESGR	IPI00031042.1	3	3.2569	0.3107	3015.316	4.41
APAGCSGACQWPASFR	IPI00401688.1	2	2.2373	0.1334	1723.858	8.11
APGDEEAQVENLITANATEPQKAEN	IPI00004367.3	3	3.0661	0.3087	2640.756	3.83
APVTCTPGQPGQQR	IPI00024114.3	2	2.1861	0.1511	1497.632	8.29
APVVAIAVLDGGR	IPI00003062.1	2	2.1628	0.2234	1238.462	5.88
AQFEQLCASLLAR	IPI00295485.1	1	2.135	0.1095	1507.71	6.04
AQGVLFDCDGVLWNGE	IPI00025340.3	2	2.3151	0.1046	1937.096	4.03
AQSSPASATFPVSVQEPPTK	IPI00010088.1	2	2.3866	0.1232	2030.224	6.05
AQTLLFSHHAVISVR	IPI00007626.1	2	2.3413	0.2592	1679.947	9.81
ARGPDSNVLLLR	IPI00103871.3	3	3.0295	0.1124	1311.516	9.64
ASASATLSPWGWGFVCR	IPI00477656.1	3	3.0239	0.1537	1854.051	8.29
ASEGAQVALAASVPDWWPTVSK	IPI00145260.3	3	2.9316	0.2707	2271.514	4.37
ASFSAVPVLANPAATSGC	IPI00063025.1	2	2.307	0.1709	1877.085	8.29
ASGLQPCVIVIR	IPI00238277.3	2	2.4442	0.1465	1313.565	8.29
ASGPGEGLVR	IPI00419014.2	2	2.1728	0.1649	943.0396	6.05
ASPIPGTPDR	IPI00444572.2	2	2.2092	0.1869	1011.114	5.88
ASPLFSQHTAADK	IPI00292894.2	2	2.366	0.1048	1373.496	6.79
ASQSISNYLNWYQQKPGKAPK	IPI00024134.1	2	3.6796	0.494	2409.685	9.83
ASSFSLAGIGFGTLGNK	IPI00298421.5	2	2.2033	0.1223	1627.823	8.8
ASSYSSLNSLIGVSFNSVYTQIWR	IPI00166044.1	2	2.2869	0.2386	2680.953	8.63
ASVGQDSPEPR	IPI00044369.2	2	2.7541	0.3717	1143.189	4.37
ATAFLETLEMTPETEAMWK	IPI00410096.1	2	2.2271	0.1473	2200.518	4.09
ATATVPDSSGGGGGSGASQTGAANTR	IPI00167943.2	3	3.04	0.2998	2293.309	5.88
ATEAFYLLVNNK	IPI00387017.1	2	2.4508	0.2204	1383.574	6.05
ATEFQSATSAHLLK	IPI00383779.1	2	2.1986	0.1417	1504.67	6.79
ATGLSATELGTTVSFTGGLGTSRSSAR	IPI00457080.1	3	3.1174	0.1736	2586.798	9.64
ATVDHNYYAVCQNLLSRHATWR	IPI00168631.1	3	3.2385	0.1132	2676.924	8.26
ATWQPAPFLPWDQTPWR	IPI00044741.2	2	2.2919	0.1068	2098.35	5.88
AVDLVEEESGAPGEEQR	IPI00297178.5	2	2.8221	0.2563	1972.06	4.14
AVGASAVGTGGHR	IPI00017410.1	2	2.3966	0.2458	1140.235	9.8
AVSELELLGFIK	IPI00294402.1	2	2.201	0.181	1319.571	4.53
AVTGTHTLALAAK	IPI00028083.1	2	2.1958	0.1018	1254.461	8.8
AVVGVVAGGGR	IPI00012772.6	2	2.1886	0.1785	942.098	9.8

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AWASSWESEAAPEPAAPPAAPSPPDSPAEGR	IPI00059662.1	3	3.3535	0.1951	3088.246	3.91
AWDLVSWILSSKVLTIHSAGK	IPI00297151.2	3	3.1591	0.2203	2312.696	8.64
AYDILFGDTPR	IPI00395699.3	2	2.3757	0.1042	1268.4	4.21
AYGVCFVDTSLGK	IPI00106847.2	2	2.634	0.1638	1417.582	5.87
AYLVGGWNEGEKK	IPI00015421.1	2	2.8251	0.1445	1451.609	6.19
AYPLGDIPEDLVPLVK	IPI00464985.3	2	2.2915	0.1189	1740.033	4.03
CDNPPSPSPR	IPI00174388.3	2	2.2873	0.2135	1127.183	5.83
CGDGCHGGFVWDAFITVLNNSGLASEK	IPI00328978.2	3	2.9153	0.1785	2913.135	4.54
CIALVVEMVLTFLFSAALLATRSVITINK	IPI00185763.1	3	3.6643	0.3613	3195.885	8.22
CICCFLLGLLLAVTATGLAFGTWK	IPI00030530.6	3	3.0982	0.1827	2687.193	7.96
CLSALSDGLGALR	IPI00152975.3	2	2.3922	0.194	1333.51	5.83
CLSPGCDGILGSGR	IPI00374068.1	2	2.2184	0.11	1449.579	5.82
CNHRDASMLGSLAYNVLLIALCTLYAFK	IPI00384698.1	3	3.3429	0.2815	3216.73	8.04
CPALHLPSLSVFSLRWK	IPI00168265.2	2	2.8735	0.1384	2012.38	9.51
CPSDPDSTSQPR	IPI00174025.1	3	3.049	0.1532	1347.364	4.21
CPTDELSLTNCAVVNEK	IPI00006451.4	2	2.5069	0.1823	1951.109	4.14
CQPGFVMVGSHTVQCQTNGR	IPI00375487.2	2	2.3093	0.2137	2264.495	8.08
CTLSVTLEQAIILAR	IPI00418876.1	2	2.2448	0.1623	1688.984	6
DAVVASEDQEGVIANMVAVALK	IPI00152665.3	2	2.3596	0.1022	2230.525	3.92
DDEAAAVALSSLIHALDDLDMVAIVR	IPI00220834.7	3	3.0054	0.2526	2725.069	3.9
DDVALEGVSHFFRELAEE	IPI00375676.2	3	3.0074	0.2156	2192.371	4.35
DENAFGACGAHNPLLVT	IPI00005638.2	2	2.3878	0.4069	1915.09	5.32
DETIVDLHLSWYYLFAWGPAIQGSITR	IPI00292304.2	3	3.2581	0.2953	3153.534	4.54
DFAGELEVLCK	IPI00019530.1	2	2.3286	0.1291	1281.43	4.14
DGSLASNPYSGDLTK	IPI00005416.1	2	2.1534	0.2188	1525.599	4.21
DGTLALAAGALCREAR	IPI00003928.1	3	3.1306	0.155	1645.836	6.06
DICNDVLSLLEK	IPI00021263.3	2	3.0557	0.1556	1419.596	4.03
DIFDDLVK	IPI00014845.9	2	2.1787	0.1264	965.082	3.93
DLAIDFIFSLVLIEVLK	IPI00025409.3	2	2.2782	0.1401	1949.362	4.03
DLFLSCNGVSQIIELNCLNGIRSHSLK	IPI00017094.4	3	3.0682	0.1461	3089.48	6.73
DLGLSLITHK	IPI00020587.1	2	2.3435	0.1497	1097.29	6.74
DMLNSSAMDIMYYTSPLYR	IPI00376941.1	2	2.2105	0.1253	2272.607	4.21
DPWYSWDQPGLRLNWGEPMHWHLDMYNR	IPI00028883.1	3	3.0062	0.1818	3601.978	5.26
DQPIILTSELGK	IPI00021343.1	2	2.1756	0.119	1314.51	4.37

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DQTSTNGGEIISRR	IPI00454898.1	3	3.0413	0.1606	1534.614	6.07
DRVATVMYTVVTPMLNPFIYSLR	IPI00376792.1	3	3.4771	0.1162	2688.205	8.59
DSPIQCIQAIAENR	IPI00298860.3	2	3.0716	0.4186	1615.764	4.37
DTGTYGFLLPER	IPI00329775.5	2	2.7057	0.3539	1369.504	4.37
DVHGGPGISPPK	IPI00249629.3	1	2.1032	0.1217	1161.293	6.74
EAATTAIGGGGGPGGGGGGATDEGGGR	IPI00217537.2	2	2.7979	0.1756	2145.148	4.14
EAGTPSLDSEAK	IPI00328798.1	3	2.927	0.1841	1205.254	4.14
EALLSPDCPLLR	IPI00410343.1	2	2.1528	0.1205	1384.597	4.37
EALPESGELLDVWTELQDIHDAHGLR	IPI00329005.2	2	2.3232	0.1571	2945.19	4.19
EAQVEFVPELPK	IPI00376913.2	2	2.2529	0.1519	1386.575	4.25
EEEEEEEALPLDMMDEDDLQLMKDLGQR	IPI00102815.1	3	3.4695	0.1673	3352.625	3.64
EEFQQQAANLTAIIDEKEQNLR	IPI00031115.4	3	3.0182	0.1512	2589.8	4.25
EFTGFPDPYTELNTGK	IPI00020210.1	2	2.2931	0.1347	1816.945	4.14
EGAILTLLSDIASALR	IPI00024709.1	2	2.2275	0.1078	1643.907	4.37
EGESVGCTAEGGCLGLSGGCQGWLAPGLVELR	IPI00445979.1	3	3.0625	0.178	3278.554	4.09
EGGPSLGSSGPQFCASR	IPI00172576.1	1	2.0353	0.1881	1694.778	6.09
EHLASALQLTSTQVK	IPI00074715.8	2	2.3784	0.124	1626.836	6.85
EHQTSQDSQQHQQQQGMSDHDSPDEK	IPI00418557.1	3	2.9504	0.1758	3037.013	4.5
ELELVIAGTAEIDLSDWR	IPI00017163.2	2	2.6013	0.139	2031.252	3.83
ELFQETLESLR	IPI00337335.3	2	2.3841	0.1109	1365.514	4.25
ELGPLYTNITADIGTDPR	IPI00021551.2	2	2.4445	0.1089	1947.135	4.03
ELLPVDESYVLPQSEEGGGGGDNNPLDNLALEQK	IPI00328264.1	3	3.372	0.1972	3598.826	3.62
EMLIAQNSSLEFK	IPI00009707.3	2	2.5173	0.114	1510.738	4.53
ENGCGAEQTVDVYLTQPDK	IPI00002260.1	2	2.7428	0.198	2125.23	3.92
ENPMGMSATPSQEEEK	IPI00399033.2	2	2.1976	0.1107	1765.902	4.09
EPCALTLAQRNGQYELIIQLHEK	IPI00216271.4	3	3.0444	0.1338	2726.075	5.5
EQAQALSVGLLPK	IPI00444678.1	2	2.3938	0.1244	1354.577	6.1
EQMSLLAACALMAGALYPLYSR	IPI00414037.1	3	2.9429	0.2317	2430.866	6.09
EQPCPESQAPASPNPGR	IPI00402453.2	2	2.336	0.1234	1822.908	4.53
EQQNHHTLVLTALDGGEPPR	IPI00298888.3	2	2.3592	0.1033	2213.396	5.28
ESDHSSLNNK	IPI00217620.3	2	2.438	0.1169	1131.135	5.32
ESLAELELELSEGDITQK	IPI00166759.2	2	2.4934	0.1411	2005.167	3.83
ESLGLGEGAGPETLEGW	IPI00241886.2	2	2.4485	0.1059	1830.973	4.09
ESQGQDESVDSK	IPI00020543.1	2	2.3422	0.2786	1309.276	3.92

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
ESQGSLNSSASLDLGFLAFVSSKSESHR	IPI00012893.2	3	3.0094	0.1644	2942.144	5.45
ESVSCQLSSSAMLICR	IPI00457039.1	2	2.6305	0.1046	1829.054	6.08
EVELDPDIQLEDIAEK	IPI00032590.4	2	2.4576	0.1263	1857.006	3.66
EVITAMDVMQFSK	IPI00289258.4	2	2.2031	0.1472	1499.778	4.37
EWTLEAGALVLADRGVCLIDEFDK	IPI00184330.5	3	3.1294	0.1928	2722.037	4.02
FAGGLGVCCPGPCCTR	IPI00398451.2	2	2.3311	0.2614	1769.955	7.89
FALLGDFFR	IPI00292532.3	2	2.2319	0.2381	1086.267	5.84
FDDFLR	IPI00470682.2	2	2.1812	0.1778	812.8924	4.21
FESEDLTSIVELDGLLEINRMTHK	IPI00030960.1	3	3.318	0.1696	2791.127	4.35
FFETTPLGSILNR	IPI00216215.2	2	2.1683	0.1476	1495.704	6
FFLLAIELSVIILGLAFGHLESK	IPI00103792.1	3	3.0166	0.1155	2532.059	5.4
FGVALGLGAFLACAAFLLLDVR	IPI00013947.1	2	2.6383	0.1872	2295.745	5.83
FHINTPLDPSSPPPAPPR	IPI00457014.1	2	2.7367	0.1411	1941.179	6.74
FIELILFEINPK	IPI00328762.3	2	2.1754	0.1894	1476.784	4.53
FIIDEELFGQTHQHELK	IPI00009322.2	2	2.1646	0.1592	2085.305	4.8
FLCFGSEGGTYYIKEQK	IPI00019450.2	3	3.3368	0.1635	2028.243	6.13
FLLLMSLYLLGSAR	IPI00032270.1	2	2.4429	0.1034	1597.99	8.75
FLSGFVAGAVVGAAGAGLAALQFFRSQGAEGALT	IPI00021106.3	3	3.3934	0.2073	3398.859	8.75
FLSNGHVTIPGQQDK	IPI00019502.1	2	2.4677	0.223	1641.81	6.74
FMPIPMYDASQALK	IPI00014843.3	2	2.3219	0.1192	1612.938	5.84
FQLELEFVQCLANPNYLNFLAQR	IPI00007021.3	3	3.2646	0.115	2829.195	4.53
FSGGPSNLPTPDVTTGTR	IPI00395631.1	2	2.779	0.1338	1804.939	5.84
FSMDLATVTKLEDIYR	IPI00005750.1	3	3.0258	0.2455	1903.189	4.56
FSSASANPETAR	IPI00444234.1	2	2.2884	0.2147	1238.289	6
FTDDTFDPELAATIGVDF	IPI00014577.1	2	2.155	0.1354	2103.27	3.71
FTGTIASFNINTNAWVARYIFK	IPI00306419.5	3	3.3662	0.1552	2535.884	9.99
FVIGGPQGDAGVTGR	IPI00021772.1	2	2.2937	0.2084	1431.579	5.84
FWLEQGVDSSVFEALPK	IPI00328703.1	2	2.3229	0.2184	1953.183	4.14
FWQCGQWVEVVIDDRLPVQGDK	IPI00418334.1	3	3.4778	0.2033	2675.973	4.23
FYTKWNPEALPSNTGEVNFQSGIIAAR	IPI00219065.1	3	3.1223	0.1714	3012.324	6.14
GAEEEPPPPLQAVLVADSFDR	IPI00011898.2	3	3.5657	0.1605	2238.439	3.83
GAGGVAGGPAAGPGR	IPI00465180.2	2	2.345	0.1044	1152.246	9.75
GALTGPLRALCLLGCLLSHAAAAPSPIIK	IPI00027780.1	3	3.1275	0.1271	2943.507	8.96
GAVGEQLGK	IPI00301028.2	2	2.1563	0.1574	858.9626	6
GCCQEEAQFETK	IPI00030877.2	2	2.2728	0.1649	1487.538	4.25

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GCLSHPAAAAAAEGAPS	IPI00479336.1	2	2.5347	0.2719	1694.824	6.74
GDPGPPGPPPVILPGMK	IPI00306322.1	2	2.5132	0.1329	1626.945	5.84
GEEHVGDSQTGPGAGCASCSR	IPI00456818.1	2	2.2374	0.298	2120.125	4.65
GEEVTLSNPK	IPI00032342.3	2	2.3419	0.1262	1074.167	4.53
GEGLALSPLLPGVPPPPAMGVPR	IPI00444565.1	3	2.9529	0.2421	2223.667	6
GEQSLQQEAR	IPI00374496.1	2	2.4746	0.1313	1146.193	4.53
GFEAGFENEDNSK	IPI00217438.1	2	2.2631	0.2209	1444.442	4
GGAAGALPGEGCPCGAVSGPWR	IPI00401525.2	2	2.1724	0.1852	2085.253	5.99
GGCWPRGLQQLLVPGGVGPGEQPCLR	IPI00001091.3	3	3.2929	0.1998	2790.16	8.07
GGGLLKYCSLLVHGFKPACMSEIK	IPI00470584.1	3	4.0416	0.1881	2667.151	8.82
GGLRPGSLDAEIDLLSSTLAELNGGR	IPI00301561.1	3	3.1999	0.1662	2612.878	4.32
GGSPVSCACTSPAPIASAHPCV	IPI00383185.1	2	2.1501	0.1957	2184.373	6.71
GGYIIPIQEPDVTTTASRK	IPI00221101.2	2	2.7892	0.2121	2047.298	6.07
GHFGASPGSSQAWGSVCFLDR	IPI00334896.3	2	2.2196	0.2549	2224.371	6.74
GHTSGLGGLLWGLGQTLDPYLGPGYR	IPI00025503.1	3	3.0685	0.1992	2687.005	6.74
GIFLTLSILR	IPI00470585.2	2	2.1657	0.1481	1133.409	9.75
GLCLHCVIPLDPTSPMSPPAEPFAISK	IPI00445125.1	3	2.9312	0.1304	2936.402	5.32
GLDAHLEQIFQEAHGMVAR	IPI00216513.2	2	2.3546	0.1444	2123.381	5.27
GLEEGQAQAGQCPSLEG	IPI00013079.1	2	2.3677	0.1259	1887.98	4.25
GLGTEKEDSCFELLHR	IPI00012196.1	3	3.2364	0.1987	1892.053	4.83
GLQCGAPLSLVDLAGSERLDPGLALGPGER	IPI00306400.7	3	3.0506	0.1076	3020.381	4.32
GMPDVLGELNSSDPHGIESK	IPI00221034.8	2	2.2858	0.2716	2083.266	4.31
GNAGGLHHHR	IPI00398135.2	2	2.4302	0.1789	1056.123	9.77
GNLNFTCNGNSVISPVGN	IPI00300078.5	2	2.534	0.1287	2021.174	8.25
GNTVLHALVAIADNTR	IPI00168624.3	2	2.4289	0.1162	1665.876	6.74
GPDGLGFSIVGGYGSPHGDLPIYVKTVFAK	IPI00015980.3	3	3.4419	0.2416	3050.455	6.74
GPLSSAPEIVHEDLK	IPI00442129.1	2	2.4003	0.1775	1592.775	4.65
GPPTAGSTAQSPGAGAASPAGR	IPI00022372.1	2	2.3334	0.1665	1866.97	9.75
GQDGSPQIENIQPFSAK	IPI00030782.1	3	2.9637	0.102	1816.95	4.37
GQSWEPGAGTR	IPI00446709.1	2	2.1516	0.1209	1146.195	6
GSDEENLDSETSASTESLLEER	IPI00306933.1	3	2.9022	0.1951	2399.377	3.67

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GSGALIFTIPEEGNSQPKGTK	IPI00465135.1	3	3.0436	0.1553	2132.36	6.14
GSGTGTTGSSGAGGPGTPGGAQRWASEK	IPI00015805.2	3	3.1243	0.142	2477.547	8.75
GSISSTSEVHSPPNVGLR	IPI00291916.4	2	2.1841	0.1711	1824.973	6.75
GSPFQEKMTAGDNPQLVPADQVNITEFYNK	IPI00009396.1	3	3.5286	0.2147	3340.665	4.32
GTQEGYPGGR	IPI00152881.3	2	2.3457	0.1106	1022.054	6
GVLIEPVYPDIIR	IPI00014980.1	3	3.1535	0.1085	1484.765	4.37
GWSQLTTHPVLGSGSPR	IPI00387045.1	2	2.2169	0.1161	1780.965	9.76
HCFYGLQPDSEYK	IPI00176193.5	2	2.3676	0.1731	1644.759	5.32
HDMNTLSLPLNIR	IPI00240059.3	3	3.0038	0.1196	1524.771	6.74
HGMKPPNCNCDGPECPDYLEWLEGK	IPI00397890.1	3	3.3623	0.2684	3005.246	4.5
HHSVLMSLLCAHLGLSP	IPI00015856.2	2	2.1591	0.1904	2001.379	8.25
HLKQLLSDHELTK	IPI00456737.3	2	2.954	0.1487	1562.796	6.92
HLLQHPTLSQRVLVK	IPI00171501.3	3	3.0675	0.1787	1770.115	11
HLQLLADLEDSNIFSLIAG	IPI00012752.1	3	3.1846	0.1182	2226.518	4.54
HNSTGLGNVSVSLVPPSK	IPI00028862.2	2	2.7269	0.1431	1794.002	8.76
HVELGEGWGHVK	IPI00000632.1	2	2.3697	0.1098	1348.492	6
HVMLLSDLMTYK	IPI00024163.1	2	2.1747	0.2607	1451.78	6.74
HYSFIGMCQYILVK	IPI00333154.2	2	2.2621	0.1891	1760.086	8.18
IAPRPPNSAQMYNFTSFAMVLNEVDK	IPI00075080.2	3	3.0518	0.1154	2942.362	6.07
IASDFCSNAAAAGTEPEELK	IPI00397051.1	2	2.218	0.1341	2082.205	4
IDASVLSVISSQIQTIR	IPI00472952.1	2	2.4527	0.1217	1831.104	5.84
IEGSGDQIDTYELSGGAR	IPI00413140.2	2	2.7531	0.2581	1868.937	3.92
IHFEDYGCWDTINSSLWWIIK	IPI00027680.1	3	3.3106	0.1332	2684.978	4.54
ILHIEGGEVSGTIDDSIR	IPI00023162.1	3	3.0077	0.1948	1912.091	4.31
ILHLQGEGDIVPK	IPI00029422.1	2	2.1698	0.2377	1419.651	5.32
ILLSSTESR	IPI00061681.3	2	2.1917	0.2692	1006.136	6
ILPTTLPTTR	IPI00044667.4	2	2.2862	0.2299	1113.333	9.75
INGHKEAKNLTIEVLMSSVK	IPI00020542.2	2	3.4565	0.1722	2212.599	8.51
INLCIHSEEEDMNLGLVR	IPI00297860.1	2	3.0802	0.2377	2256.559	4.4
IQIISTDSAVASPQR	IPI00332451.2	2	2.1683	0.1782	1586.772	5.84
ISAVSVAER	IPI00215638.2	2	2.1734	0.1839	932.0568	6
IVCGTVMAGELSLMAALAAGHLVK	IPI00021770.1	2	2.5197	0.1261	2413.923	6.74
KFPSPPHSSNGHSPQDTSTSPIK	IPI00216542.1	3	3.2351	0.2612	2434.607	8.61
KGCCVELLLLLVAAELPLGGGCPR	IPI00328745.1	3	3.1769	0.2822	2597.072	6.12
KGSIQIQPSR	IPI00306309.3	2	2.7655	0.1551	1114.281	11

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KGTDFSSWVVLLLLFASALLAALVLLLR	IPI00001586.1	3	3.2143	0.2723	3031.709	8.75
LAAEEAADLR	IPI00175101.4	2	2.307	0.1276	1059.155	4.14
LAALAGHLSINQDLYLG	IPI00018606.4	2	2.4058	0.161	1926.209	6.74
LASALQDHDQSVTSR	IPI00000514.2	2	2.2466	0.111	1628.726	5.21
LCASTEDCEVDPSKCPASELPEHQAR	IPI00329668.4	3	3.4168	0.2652	2988.148	4.35
LDWDSLMTSLDILENFEENCCVMR	IPI00061112.3	3	2.9602	0.1457	2992.315	3.71
LECSGAVLAHSNLR	IPI00446473.1	2	2.6492	0.1199	1527.702	6.74
LELTELEAIR	IPI00550733.2	2	2.1666	0.1412	1187.368	4.25
LEPLVLFLHLVLDK	IPI00409604.1	2	2.2963	0.135	1650.041	5.32
LEYEIQQLK	IPI00452246.1	2	2.258	0.1209	1164.333	4.53
LFDMSAFMAGPGNPK	IPI00028911.1	2	2.2931	0.1011	1583.857	5.84
LFLIPATIQDKLIIR	IPI00290368.3	2	2.8994	0.1988	1755.18	8.75
LFSICQFVDDGIDLNRTK	IPI00399320.3	3	3.1256	0.1635	2142.391	4.43
LGFVSAYLSQPLLDGFAMGASVTILTSQLK	IPI00300852.1	3	2.9008	0.1333	3129.659	5.84
LGGGVSPLSSLLGAAIVGVR	IPI00384096.1	2	2.187	0.1945	1824.158	9.75
LHPDGTVDAIGEK	IPI00455892.1	2	2.1625	0.2479	1352.475	4.54
LHQQLLDCLSDSFDVTNKLTEVLNMHLGCR	IPI00168012.1	3	3.3577	0.3484	3558.994	5.26
LHSEILFHELK	IPI00412193.1	2	2.1601	0.1475	1366.59	6
LIEEGVDVPEGLAVDWIG	IPI00000073.1	2	2.157	0.1134	2068.316	3.83
LKVFYEEELDVPLVLFNEVLDHVLR	IPI00456969.1	3	3.0747	0.2473	3030.505	4.35
LLEVVTSISDIPTGIPVHLELASMTNR	IPI00103892.1	3	3.0347	0.1376	2907.376	4.65
LLHVLYVCSCSLVAEK	IPI00022668.1	2	2.2624	0.1283	1892.216	6.73
LLILILSIIFIKGTYASEEVIWDVLSGIGVR	IPI00299085.2	3	3.0407	0.1165	3433.123	4.68
LLIYSSDQR	IPI00387161.1	2	2.3707	0.1436	1095.231	5.84
LLQNCNDDSLNVALPMR	IPI00411748.1	2	2.3714	0.2878	1974.222	4.21
LLTPGFHFNILKAYIEVMAHSVK	IPI00166042.1	3	3.0099	0.1538	2630.147	8.51
LLTVKATDPDEGANGDVTYSFR	IPI00003884.1	2	3.0006	0.224	2370.558	4.23
LLVVSTQLSHCR	IPI00062958.3	2	2.2821	0.1334	1413.642	8.26
LLVVYPWTQR	IPI00030809.1	2	2.3829	0.1767	1275.524	8.75
LMAQEQVRSLR	IPI00170770.2	2	2.787	0.1176	1331.571	9.6
LMKELNQMQYEYTELK	IPI00376383.1	3	3.0031	0.1185	2062.396	4.79
LMLISMANDLK	IPI00006957.3	2	2.244	0.1103	1249.57	5.84
LNFLTTAPSR	IPI00292081.2	2	2.2511	0.2132	1120.284	9.75
LNTEWSELENLVLK	IPI00009923.1	2	2.2227	0.1706	1688.903	4.25
LPFSSSCSIPDCAGEVEKVLAAR	IPI00152661.1	3	3.0099	0.1226	2494.77	4.68

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LPGANTPLPGLSHRQGW	IPI00290033.1	3	3.2557	0.2403	2055.331	12
LPLSYFLVGIMCIGYSFLVVLK	IPI00291387.2	2	2.179	0.1348	2534.132	8.18
LPQLWDPTAAPYPTPPGGPLAATRSMFFNGQPSPGQ	IPI00084684.4	3	3.1112	0.2489	3923.411	8.75
LPYFTNWISQK	IPI00454735.1	2	2.1915	0.1073	1397.602	8.59
LQGLEDGAGAGPAENAA	IPI00186166.1	2	2.303	0.2736	1628.68	3.57
LQLLTAVGALAGTVPFSL	IPI00478086.1	2	2.3909	0.1623	1900.294	8.75
LQQQQRPEDAEDGAEGGGK	IPI00306369.3	3	3.0649	0.1115	2014.057	4.18
LRAELGALHSAWVTMPWFQHYR	IPI00221193.6	3	3.0762	0.1219	2671.078	8.76
LSLGGFAELMGSNGPQK	IPI00411876.2	2	2.2334	0.289	1706.945	6
LSLSHNPIEAIQPFAFK	IPI00375651.2	2	2.1963	0.2055	1913.208	6.75
LSPPECLNASLLGGILR	IPI00217422.2	2	2.212	0.2082	1811.109	6
LSPVSPALGVLQLHFFKSEDNNTEDLK	IPI00171712.1	3	3.1691	0.2284	3000.351	4.75
LSTHGPEMLGTALR	IPI00218042.1	2	2.4709	0.2148	1483.719	6.75
LSVLIDVLAEEAAATSAE	IPI00046309.4	2	2.3108	0.2333	1931.174	4
LTAINGTSLVGLPLAACQAAVRETK	IPI00014073.1	3	3.0209	0.197	2555.95	8.22
LTFPTSGDEYSRGFLQNLNLIQDQNAQTR	IPI00412697.1	3	3.1784	0.1484	3328.594	4.56
LTSTSTSDTQNINNSAQR	IPI00107698.1	2	2.3344	0.1376	1938.989	5.84
LTTYEDLQCTNILEIK	IPI00217687.1	3	2.9473	0.1228	1955.189	4.14
LVLVNAVYFK	IPI00009890.1	2	2.1523	0.187	1166.437	8.59
LYAADIVFLLDGSSSIGR	IPI00025418.1	3	2.9615	0.1281	1898.149	4.21
LYEGEADIMISFAVR	IPI00027782.1	2	2.1781	0.2118	1714.964	4.14
MAPYQGPDAVPGALDY	IPI00013808.1	2	2.3979	0.2024	1794.021	4.21
MDLENSFQASP	IPI00386869.2	2	2.2388	0.2884	1239.337	3.67
MDTEDFPGPELPPPAAEGASSVQQTQNMK	IPI00304654.3	3	2.9215	0.3054	3074.346	3.83
MELILSTSPAELTLDPACQPK	IPI00016688.2	3	3.389	0.1195	2315.663	4.14
MGGCVDAGHVAIVGEPWDR	IPI00456519.1	2	2.3161	0.1175	2027.244	4.54
MKFDIFEDYASPTTAAQTLLYTAAK	IPI00007401.1	3	3.5357	0.3197	2798.16	4.56
MLESLSCECEAIK	IPI00030845.1	2	2.1758	0.2106	1570.775	4.25
MLQDTVLAAGCK	IPI00018245.5	2	2.2775	0.1208	1307.536	5.59
MMLAVHTEPAAPEVPLAPTK	IPI00398994.2	2	2.7934	0.1688	2104.523	5.38
MNDDPSMEENGVER	IPI00006158.1	2	2.3181	0.1069	1623.705	3.83
MNLQTATATCFDAAQGK	IPI00289948.1	2	2.6765	0.1343	1829.019	5.59
MPLLSLHLDVK	IPI00016447.3	2	2.2574	0.11	1266.578	6.5
MTYPEGAPLSDLEYYSNDLFVAVLFK	IPI00329457.6	3	2.9883	0.213	2984.368	3.92

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MVQLSPPALAAPAAPGR	IPI00376954.1	2	2.2933	0.1883	1647.967	9.5
NADCSSGPGQR	IPI00031570.1	2	2.3475	0.1463	1149.147	5.83
NDIINFKALEK	IPI00165251.3	2	2.9187	0.274	1305.505	6.07
NEFITLAHVNPQSFPGNK	IPI00304442.3	2	2.2402	0.1232	2014.23	6.75
NEKNLTVYTGLWVK	IPI00011088.1	2	2.7749	0.1753	1665.914	8.5
NELLGTASVNLSNVLK	IPI00013010.6	2	2.224	0.1784	1672.905	6
NETHHLFVGLYPGTTYSFTIK	IPI00013096.2	2	2.2836	0.1832	2426.711	6.92
NFQPAGSLFQCGLSR	IPI00024453.2	1	2.2009	0.1731	1682.855	8.25
NGIGPLPAVNASGQGGPGSQIPWR	IPI00016685.2	2	2.3603	0.2854	2331.576	9.75
NGYLGGHGFNAR	IPI00045423.1	2	2.3709	0.1452	1263.347	8.75
NHDSSQPTTPSQSSAASTPAPNLPR	IPI00022918.5	2	3.2147	0.1712	2549.653	6.74
NILLHQLQSAR	IPI00217049.1	2	2.3779	0.1131	1293.501	9.76
NILVASPECVK	IPI00029702.1	2	2.24	0.1014	1230.43	5.99
NKVFVFFDLTVDDQSVYPK	IPI00014072.1	3	3.0257	0.1088	2262.545	4.43
NLVSLVQGIEDSFHK	IPI00455594.1	2	2.245	0.1188	1686.89	5.32
NNSSSSFSPHFLGPGVGGAASK	IPI00004069.1	3	2.9387	0.2579	2106.241	8.76
NPGGRSILVAVSTTWLFPLEDHQEK	IPI00397620.2	3	3.3022	0.1003	2796.13	5.45
NPKILILDEATSALDSESK	IPI00465354.1	2	2.7947	0.2448	2045.277	4.32
NQEACELSNN	IPI00030739.1	2	2.1894	0.1605	1179.17	3.8
NQVIIPLVLSPDRDEDLM	IPI00300278.3	2	3.014	0.1776	2224.567	4.23
NSLFQQGMR	IPI00252122.3	2	2.2337	0.2593	1081.231	9.75
NSSLSMAPDSSGSSGSIEEPQLGECSHCGR	IPI00051926.7	3	2.9121	0.2491	3125.23	4.4
NTGGAAFIFPNTSVYPEATQRITTR	IPI00217544.1	3	3.0358	0.3249	2713.986	8.75
NVPPIVFVQDK	IPI00243599.2	2	2.3991	0.1963	1256.475	5.84
PAAESTGLEATFPK	IPI00220340.2	2	2.2551	0.2587	1419.562	4.53
PAAPAAHSAHSASVSPVESR	IPI00290094.3	2	2.2646	0.1464	1930.071	7.33
PAGAIPSPYK	IPI00328709.2	1	2.296	0.1949	1001.161	9.01
PCRVLVLLNPRGGK	IPI00182048.3	2	3.5613	0.2144	1579.909	10.87
PCVYTVGSPINNR	IPI00163493.4	3	3.2165	0.1154	1477.641	8.64
PDENHSEPSHQDVIK	IPI00014826.4	3	2.9815	0.1911	1732.79	4.72
PEEAPGLPAAPPPAPAAPASPR	IPI00018738.2	3	2.9817	0.1475	2062.314	4.53
PEIIDLQQWQGTR	IPI00290035.1	2	2.2389	0.2824	1584.758	4.37
PEMPMFLGLAFATQYRIVDLLVEAAGPGQDR	IPI00168838.1	3	3.471	0.1714	3407.951	4.32
PENAIIYNNNEDFQVGQAKVVLK	IPI00021716.1	3	3.0099	0.1626	2604.899	4.68
PETEPLLSFVASVSPADR	IPI00010212.1	2	2.4137	0.1321	1916.121	4.14

Unique Peptide Sequence	Protein	Charge	*Xcorr*	*Delta Cn*	MH+	pI
PFLPMSQGPGSNSGLR	IPI00160290.4	2	2.5722	0.1426	1645.865	10.18
PFQAQFFPSGGLSGPR	IPI00167315.2	2	2.2114	0.2182	1693.886	10.18
PGHSLVAAIR	IPI00173347.3	2	2.162	0.342	1021.198	10.18
PGPMHCSSTHIAAKSLGHTLVTVSVNECDK	IPI00410401.2	3	3.0663	0.1331	3235.605	7.33
PGPVQQDLPLAR	IPI00030267.3	2	2.2915	0.1434	1291.481	6.27
PGVVGIWLNLEEGK	IPI00216721.3	2	2.2479	0.1338	1511.747	4.53
PHGAWLGR	IPI00258050.3	2	2.3243	0.1188	894.0151	10.18
PHGEGAGFSSCWK	IPI00217546.1	2	2.269	0.1269	1420.505	7.12
PHPGSAEAAPGSGTPAGEGQR	IPI00514193.1	2	2.8767	0.1305	1932.001	5.41
PLLSLENLGTTTTVQLLQEVASRFSK	IPI00295004.3	3	3.3389	0.1418	2847.257	6.57
PLSALYRLESK	IPI00166137.2	2	2.7784	0.2484	1277.495	9
PLSLAVHCVEHDAFIFALCQDHK	IPI00221235.3	3	3.3098	0.1378	2709.039	5.74
PLVELFLLPLK	IPI00456459.1	2	2.2179	0.1847	1282.639	6.43
PMATGDTFTYEDVEKNALQYIHDGSSTR	IPI00329327.3	3	3.4953	0.1642	3148.363	4.43
PNFLAPLPHEVTQLR	IPI00023832.2	2	2.7053	0.1234	1733.007	7.18
PPAPNLAGAVEFNDVK	IPI00008816.1	2	2.165	0.111	1639.834	4.37
PPTLLSQEQIK	IPI00334191.5	2	2.1778	0.1157	1254.458	6.43
PPWIAEALNPFTPGMEAL	IPI00454933.1	2	3.2104	0.2153	2111.452	4.53
PPYSASPGPFGEQSPR	IPI00385831.1	2	2.5025	0.1993	1674.795	6.43
PQVTSFPAHSLVNNSGPR	IPI00457259.1	3	3.0065	0.1897	1909.095	10.18
PRGQPTPGEMLPSLPVGSDSEGPENEGTR	IPI00168344.3	3	3.3722	0.1571	2993.213	4.25
PSEESMEQGK	IPI00169119.1	2	2.2439	0.1511	1122.189	4.25
PSGAQQISSACVNGEPR	IPI00374843.2	2	2.2594	0.1074	1758.865	6.39
PSLLGLDLLASLK	IPI00294211.1	2	2.2213	0.2099	1340.634	6.26
PSMGISPLGNQSVIIETGR	IPI00010604.4	2	2.5607	0.2408	1957.241	6.43
PSSLMDSSQEK	IPI00374029.5	2	2.2557	0.2624	1209.309	4.37
PSSQPSDEVLSEFELR	IPI00025069.1	2	2.2583	0.1704	1820.935	4
PSVLDLSTLSTVISK	IPI00163866.2	2	2.3455	0.1012	1560.815	6.26
PYAGGAAQLALDK	IPI00028031.1	3	3.2861	0.1064	1275.436	6.26
PYTCGECGNCFGR	IPI00018955.1	2	2.2028	0.2209	1578.646	6.31
QANCLSPGVQEQPGQHGETPSPQK	IPI00385934.1	3	3.0625	0.2392	2575.727	5.4
QATLIIHQITVVTLK	IPI00457064.1	2	2.1997	0.2112	1679.041	8.76
QDGMFDLVANGGASLTLVFER	IPI00398020.4	3	3.3568	0.1271	2241.51	4.03
QDPGLWAVVPGLPLQGR	IPI00375574.1	2	2.263	0.2047	1804.085	5.84
QEELEMQLEEEQK	IPI00217008.2	2	2.2331	0.1201	1663.786	3.9
QELGPGATVLGSPHR	IPI00397969.1	1	2.071	0.1593	1519.688	6.75
QENARDICVIQVPPEMR	IPI00061492.3	3	3.0274	0.1859	2056.327	4.68
QFVQESFALCSQK	IPI00008581.1	2	2.6244	0.1595	1572.738	5.99

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QFYEEELINSVVISQLSHIPEDK	IPI00028493.3	3	3.7807	0.1247	2718.996	4.25
QGQETAVAPSLVAPALN	IPI00017596.2	2	2.6901	0.192	1795.03	6
QGQTEKFQFELTLEEDGESDTEK	IPI00002449.1	3	3.155	0.1308	2689.781	3.94
QGSWPGVVAQANNPSTL	IPI00455201.1	2	2.8548	0.1226	1883.058	9.75
QLAQGGLAEVLLAAKEH	IPI00186224.6	3	3.1617	0.1474	1905.191	6.76
QLDEPAPQVSGVDQGQELLCCK	IPI00010069.4	2	2.2683	0.1257	2472.678	3.92
QLDQCSAFVNEIETIESSLKNMK	IPI00009329.1	3	3.4417	0.1644	2685.983	4.41
QLGAASVGPGPLGFPATQRDMR	IPI00303980.6	3	3.1288	0.1144	2227.533	9.6
QMLACPPHGLLDR	IPI00047471.5	2	2.1789	0.266	1508.765	6.74
QNLLDDLVTR	IPI00009225.1	2	2.2684	0.2099	1187.328	4.21
QPEEVVLQASVSSYHLFRDVAEVTAFR	IPI00016758.5	3	3.1457	0.1409	3079.412	4.83
QPHPEQEGWPPGTGDFPSQVPK	IPI00063134.3	2	2.2653	0.1612	2416.59	4.65
QPYSLCSNR	IPI00216870.1	2	2.7241	0.1257	1125.211	8.22
QQALELVVQEVSSVLR	IPI00374082.2	2	2.327	0.1438	1799.062	4.53
QQGAQLQTIGFVLYAVP	IPI00218934.4	2	2.2267	0.1574	1962.281	8.59
QQIQWENNGQVFSLLSLGSQYQPQR	IPI00002802.1	3	3.0915	0.1467	2950.214	6
QSEHSILAGDPFELECPVKYCANR	IPI00376243.1	3	3.0589	0.1758	2822.067	4.83
QTLSTELSAAPK	IPI00077841.6	2	2.3471	0.1636	1246.393	6
QTQALADQFEDK	IPI00183938.4	2	2.1664	0.1406	1394.469	4.03
QVFLATWK	IPI00220991.2	2	2.2235	0.144	993.1834	8.75
QWTQAGSSTCTPALR	IPI00419068.1	2	2.4421	0.114	1664.795	8.25
QYPSFLRTIPNDK	IPI00186273.1	2	2.8521	0.2222	1579.781	8.59
RHAFILQAVYK	IPI00242446.1	1	2.4976	0.2698	1346.605	9.99
RHKTLSETDEK	IPI00307230.3	1	2.4917	0.17	1344.456	6.76
RNSPAFLSTDLGDEDVGLGPPAPR	IPI00220490.1	3	3.0039	0.1749	2482.691	4.23
RPWGIAVGLLCQFGLMPFTAYLLAISFSLK	IPI00234679.1	3	3.2375	0.3037	3372.061	9.31
RQWGALLLGALLCAHAVALGLR	IPI00306851.3	3	3.1397	0.1162	2360.826	10.35
SAEAQPEAGSGAGGSGPAISR	IPI00030343.1	2	2.2665	0.1519	1857.917	4.53
SAFEDCDLHQEVLLTPVG	IPI00477728.1	3	2.9942	0.1057	2159.375	4.31
SAPYAMLELTPEEVVQR	IPI00027242.1	2	2.1811	0.2068	1934.203	4.25
SAQLGDAVQLASLPPAG	IPI00477134.1	2	2.3054	0.1237	1595.779	3.8
SAVSIGGGNTSAVSPSSIR	IPI00026697.2	2	2.1769	0.1102	1747.889	9.47
SCLTEAEAAVATQETSTV	IPI00000070.1	2	2.1886	0.2326	2025.155	4.25
SDPGQPLAACNGPPGEPR	IPI00387089.1	2	2.6114	0.1433	1820.935	4.37

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SDSITNMLDTLMQAK	IPI00006665.1	2	2.2212	0.1668	1668.915	4.21
SELCQPVLPGFLPLSVR	IPI00457370.1	2	2.3707	0.1207	1913.243	5.72
SGKAPILIATDVASR	IPI00023785.4	2	2.815	0.1944	1499.738	8.46
SGTAQIRILVIDANDNPPVFSQDVYR	IPI00003904.1	3	3.0103	0.1247	2890.2	4.43
SHPGDPPSGLAPPLSR	IPI00219011.1	2	2.3572	0.1699	1585.746	6.46
SHTAGGGTIQLQENK	IPI00456415.1	2	2.4128	0.209	1541.648	6.47
SIFYQLLR	IPI00165955.1	2	2.3072	0.1323	1040.24	8.46
SIMEKLLLEPMFEVPNSDIVCVEVDK	IPI00008728.1	3	3.1081	0.1644	3036.544	4.08
SLLQPQEDDRVMFTPPDQALYLAIK	IPI00056687.4	3	3.3273	0.36	2890.304	4.23
SLMSGLEQMEELR	IPI00083491.3	2	2.3102	0.1242	1523.758	4.25
SLNPATIYPVLPK	IPI00031822.1	1	2.0038	0.1168	1413.686	8.31
SLPEAEDGAGRVWPGAE	IPI00394860.1	2	2.9975	0.114	1898.026	4.41
SLPPEARMLAMSLPQPTQAALGILAR	IPI00375346.3	3	3.1819	0.2566	2734.278	9.31
SLSSSLQAPVVSTVGMQR	IPI00021298.1	2	2.1748	0.1411	1848.115	9.47
SLTPVIPALWEAEAGGSR	IPI00334117.1	2	2.2348	0.1976	1855.084	4.53
SLVGILMMANVFIYFIMEVSK	IPI00217345.1	2	2.5081	0.1415	2406.999	5.72
SMSGPESSPPIGGPCEAAPSSSLPTPPQQPFIAR	IPI00009101.1	3	3.0073	0.1969	3436.788	4.53
SMTPAQADLEFLENAK	IPI00003921.1	2	2.343	0.1017	1765.966	4.14
SNSWMGSQGDNLK	IPI00478534.2	2	2.3832	0.1971	1424.522	5.55
SPSPSLSSLLLPSSPGPR	IPI00385715.1	2	2.4597	0.1159	1780.016	9.47
SQDYLSCER	IPI00165965.2	2	2.2372	0.1225	1158.194	4.37
SQLAIIPQEPFLFSGTVR	IPI00168635.2	2	2.1696	0.1424	2004.318	5.72
SQLFALNPRSGSLVTANR	IPI00012100.1	2	2.8392	0.1716	1932.173	12
SQPAFMQSSLSQPSVVLSGTAIHNFPTVQHQELAK	IPI00083708.2	3	2.9275	0.1271	3767.224	6.66
SRSSSSSNASGNGGDGK	IPI00449923.1	2	2.7569	0.2212	1555.504	8.46
SSADHAALNSIVSLQASVSFEDVTVDFSK	IPI00020900.2	3	3.1228	0.1877	3026.258	4.22
SSDVVYNAFSLR	IPI00444945.1	2	2.1872	0.2067	1358.481	5.55
SSFQVQLASNPVLDAWYGAR	IPI00292787.5	2	2.4721	0.2236	2210.434	5.55
SSGLVSNAPGVQIR	IPI00022331.1	2	2.3435	0.4078	1385.552	9.47
SSVGVGVVGGLLYAVGGYDGASR	IPI00296591.3	2	2.2156	0.237	2141.37	5.55
STDDLEQISELLIHTLNQNSVHFELK	IPI00103597.4	3	2.9843	0.1096	3025.316	4.49
STSGSIGGMAGVGVGAGAGQGRAGAEGGGGGAP	IPI00009490.1	3	3.0079	0.2501	2886.112	9.31
SYSCQVMHEGSTAEK	IPI00027227.6	2	2.5905	0.2001	1714.83	5.38
TAADELEAFLGGGAPGG	IPI00385729.4	2	2.3136	0.1131	1689.808	4.14
TASTYISHLETHLGFSLK	IPI00418941.3	2	2.5074	0.1283	2006.248	6.61

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TAVVLVWVVSAAVSFAPIMSQWWR	IPI00011286.1	3	3.2129	0.2347	2705.215	9.41
TEDVEPQSVPLLAR	IPI00032333.2	2	2.2664	0.1347	1554.727	4.14
TFSFWGFEIVR	IPI00457300.1	2	2.4294	0.2774	1389.582	5.66
TFSLSSTLLR	IPI00043494.3	2	2.514	0.1503	1125.3	9.41
TGAVQSYSILSPQP	IPI00376912.1	2	2.2692	0.1203	1448.603	5.18
TGPKLLLHSCQLQWGTAAQGPSR	IPI00399395.2	2	2.8851	0.211	2507.827	9.5
TGTVNEDSSEIILDPK	IPI00031506.2	2	2.2579	0.1682	1718.841	3.92
TIAILAAILLVALQAQAESLQER	IPI00008298.1	3	2.9487	0.1162	2436.876	4.53
TISAQDTLAYATALLNEK	IPI00398505.4	2	2.329	0.1612	1924.142	4.37
TIVNINAILLLAVVVFIHGYYA	IPI00218248.1	2	2.3158	0.2138	2417.916	6.4
TIYSSLQLQALNHR	IPI00008195.3	2	2.4576	0.1245	1644.857	8.44
TKADVTPPPDGSTTHNLEVSPK	IPI00025310.1	3	3.1934	0.1484	2292.488	5.35
TKEQILELLVLEQFLTVLPGEIQGWVR	IPI00220992.3	3	3.0496	0.2169	3153.703	4.49
TLFGLHLSQK	IPI00289499.3	2	2.5007	0.1114	1144.348	8.44
TNEELVAFLSKNR	IPI00432723.2	2	2.8499	0.2012	1521.7	5.81
TPCQQELDQVLER	IPI00297284.1	2	2.1598	0.212	1616.749	4.14
TPQLIIPNQNPFLK	IPI00064712.2	2	2.4027	0.1073	1623.92	8.41
TQEELVAMLR	IPI00043978.1	2	2.1654	0.1121	1190.396	4.53
TQMELEEDVK	IPI00016014.1	2	2.2171	0.1074	1222.348	4
TSPYGGLPAAPLAGPALPAR	IPI00218946.1	2	2.3366	0.3441	1878.164	8.41
TSSTQQDNPQTSFPTCTPQR	IPI00413160.3	2	2.7767	0.1093	2282.361	5.5
TSYNGHLTIWFTDTSALGHLLNFTLVQDLK	IPI00021297.1	3	3.0998	0.1388	3407.819	5.91
TVQIAAVVDVIR	IPI00022974.1	2	2.7589	0.3359	1284.53	5.5
TVSSAAGCALGGSSPSVLPTGVGRG	IPI00445863.1	3	3.0798	0.2907	2246.458	7.91
TYDGPGSQPVICQSSVYGTLENK	IPI00400873.2	3	3.1018	0.1357	2501.681	4.37
TYNLSFCGTNEINHFYCADPPLIKLACSDTYSK	IPI00334322.2	3	3.073	0.21	3902.252	5.35
VCHPLLPLHFILLHK	IPI00442309.1	2	2.3089	0.1899	1838.268	8.22
VDSVPDVSPAPSPAGIPHGSQTIGNHFQR	IPI00470537.2	3	2.939	0.1921	2969.218	5.97
VEDTATYYCAR	IPI00385683.1	2	2.4776	0.1873	1349.422	4.37
VEFGGQAGLAAAGLR	IPI00102812.4	2	2.3226	0.2241	1417.595	5.97
VELCAQGSADLAHLDDGPYEAGGEK	IPI00014478.1	3	2.9576	0.3224	2603.731	4.01
VEQFPDASGSLK	IPI00064935.3	2	2.223	0.2017	1278.393	4.37
VFSSAEALVQSFR	IPI00011609.3	2	2.1808	0.1864	1441.614	5.97

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VFVALSDYNPLVMSANL	IPI00033009.3	2	2.219	0.1151	1982.333	5.81
VGDSHTGFLHR	IPI00384661.1	2	2.1703	0.1723	1226.326	6.89
VGTASVCLCLGVMNK	IPI00444644.1	2	2.2231	0.1407	1609.901	8.03
VHAGLVSHSAVR	IPI00216432.2	2	2.152	0.1648	1233.405	9.73
VIRAAFTGTTEAQK	IPI00399119.1	2	2.8949	0.162	1493.69	8.72
VLLAAGCALVLVLAVQLGQQVLECR	IPI00031421.3	2	2.4849	0.201	2695.225	5.96
VLVDAGSALPR	IPI00394751.1	2	2.1542	0.1001	1098.278	5.81
VMVASSGLPAGDCR	IPI00103656.1	2	2.322	0.2978	1420.611	5.8
VNGSEQTVVAFFIMPAR	IPI00157144.1	2	2.5145	0.1857	1867.162	5.97
VPILPFVIGAGVLGGLGTGPGGITASTQFYK	IPI00045956.1	2	2.3299	0.1282	2989.5	8.56
VPPPPPIAR	IPI00013944.2	2	2.444	0.1974	944.1555	9.72
VQVAQILGPLSITNK	IPI00007034.2	2	2.1835	0.2238	1581.882	8.72
VRVPTTGVIEYPFDLENIIFR	IPI00012935.3	3	3.0114	0.1279	2479.858	4.68
VSDYSDDDTQEHKAQAMLR	IPI00247243.3	3	3.0714	0.2359	2210.325	4.35
VSGEQSLAWGLGGPSQS	IPI00154208.5	2	2.1787	0.1071	1917.069	5.97
VSGLPNTLEQILEAHLLPLMWR	IPI00454673.1	3	3.0901	0.1189	2532.001	5.4
VSGSDASSFPLLYEEALR	IPI00455971.1	3	3.0567	0.1908	1942.115	4.14
VSISCSGSSSNIGK	IPI00386575.1	2	2.1788	0.205	1383.481	8.19
VSPGLGLPDIFPLTHER	IPI00456974.1	2	2.4634	0.1704	1849.123	5.32
VSTAIAVAAEAAAASSSA	IPI00063249.1	2	2.3351	0.2073	1704.864	5.97
VTYSLAEDTFQGAPLSSYVSINSDTGVLYALR	IPI00003885.1	3	2.9877	0.2243	3439.77	4.03
VVEDLPHGFLTLAALCRETR	IPI00419542.1	3	3.154	0.2212	2298.621	5.44
VYCLEDTPVALK	IPI00328431.3	2	2.2051	0.1229	1408.615	4.37
VYNVPQHAVGIVVNK	IPI00397759.1	2	2.4971	0.131	1637.907	8.57
VYSANSVNSVSLGK	IPI00167865.2	2	2.2053	0.2679	1425.569	8.56
WEVFMTHLEFLFTDSGLSTLEIENR	IPI00333913.6	3	2.9774	0.263	3016.373	4.25
WFTHASPTLFNAGTNR	IPI00013871.1	2	2.3661	0.1399	1820.988	9.76
WLLNEFPNFIPTDGR	IPI00024966.1	2	2.7071	0.1214	1820.04	4.37
WLNDPSFIHAELIPDSAERNDDK	IPI00298003.3	3	3.107	0.1173	2683.87	4.23
WSLILLPRLECSGMISAHCNLHLLGSSDSPASASR	IPI00167437.1	3	3.0076	0.1561	3838.334	6.9
WSNLFTSQKGSNPDK	IPI00063138.5	2	2.8188	0.1273	1709.841	8.59
WVPLHDPR	IPI00255836.4	2	2.1725	0.1871	1020.169	6.74
WWSQEPGGEEGLALSPR	IPI00444119.1	2	2.2978	0.1306	1900.04	4.25
XSPLSLYNEK	IPI00457077.1	2	2.3288	0.1223	1164.333	6
YAAEVHNMEQVVMIPSLLR	IPI00023246.3	2	2.263	0.179	2201.598	5.4
YAEYSHFVLGNELNSYR	IPI00171928.1	2	2.4553	0.1379	2063.215	5.4

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YAMVVCGDIAVYPSGNARPTGGAGAVAMLIGPK	IPI00008934.1	3	3.0441	0.2204	3265.789	8.18
YDALEVFAGSGTSGQR	IPI00299738.1	2	3.2457	0.1108	1658.751	4.37
YDEAMGYPMVQQWR	IPI00024390.1	2	2.2697	0.2691	1775.001	4.37
YFWAVPEGEFSCEPPLIA	IPI00172530.1	2	2.4834	0.1115	2269.533	4.25
YIASIMENGSLNIYSVQALTQEINKEEVR	IPI00178319.1	3	3.0207	0.1343	3314.712	4.49
YILDYLRDLQLVLPDYFPER	IPI00060715.1	3	3.2193	0.1277	2542.913	4.23
YISMQNLAVIFDLLLDSY	IPI00179164.2	2	2.1759	0.1647	2275.652	4.21
YLNLSSTSLRK	IPI00009910.2	2	3.0396	0.1216	1282.471	9.99
YLQKIEEFAEMVER	IPI00032434.2	2	3.0436	0.1194	1786.042	4.49
YNINIYAPTLLVFK	IPI00006433.6	2	2.4447	0.1248	1669.988	8.5
YNSTAGIGDLNQLSAAIPATR	IPI00384746.1	2	2.6161	0.1224	2134.336	5.84
YQIPLSADQLFTQSVLDK	IPI00000897.1	2	2.2352	0.2573	2067.328	4.21
YQTMSILPMELYK	IPI00177884.3	2	2.2585	0.1054	1617.955	6
YRSDLEIIFNAIDTDHSGLISVEEFR	IPI00024186.1	3	3.0695	0.1474	3041.317	4.29
YTCIAGNSCNIKHTEAPLYVVDK	IPI00168813.1	3	3.0902	0.2798	2654.944	6.73
YTEDTELMESVMDVVR	IPI00397992.2	2	2.3006	0.1093	1918.136	3.83
YTFPCPYCPEK	IPI00032955.1	2	2.4194	0.1401	1462.615	5.99
YTHAANTVVYSSNK	IPI00152695.2	2	2.2226	0.1443	1555.674	8.5
YTSLFLIVNSVILILSVIITILVQHK	IPI00296936.3	3	2.9391	0.1181	2941.626	8.6
YVAICNPLLYMVTMSPR	IPI00050742.2	2	2.3841	0.1655	2029.449	8.2
YVFATGVQWSPIPTK	IPI00307216.1	2	2.2246	0.2931	1694.954	8.59
YVLNLLYETK	IPI00375402.2	1	2.8486	0.1627	1256.472	6
YVVVSGTPEKILEHLLNDLHLEEVQDK	IPI00293938.4	3	3.0094	0.1041	3119.514	4.63
YWELPWSEQQAQFLWK	IPI00170605.1	3	3.1017	0.1078	2268.557	6.14
YYEVLTAPITK	IPI00296156.3	2	2.1681	0.3231	1298.509	6

Table S5.

Identified unique peptides in corresponding fractions

Overlap unique peptides between top and right fractions in the table

	F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	F11	F12	F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	F25	F26	F27	F28	F29	F30	F31	F32	F33	F34	F35	F36	F37	F38	F39	F40	F41	F42	F43	F44	F45	F46	F47	F48	F49	F50	F51	F52	F53	F54	F55	F56	F57	F58	F59	F60
F01	89																																																											
F02	34	58																																																										
F03	15	12	22																																																									
F04	19	13	4	102																																																								
F05	30	29	5	70	493																																																							
F06	23	20	2	51	166	215																																																						
F07	36	34	12	74	177	107	461																																																					
F08	32	33	9	50	221	142	206	411																																																				
F09	35	27	8	44	241	167	168	225	445																																																			
F10	18	16	8	20	40	25	91	91	68	189																																																		
F11	27	31	10	29	134	88	140	192	157	95	303																																																	
F12	33	30	10	29	111	101	109	141	157	64	134	231																																																
F13	24	20	9	25	46	31	96	95	70	106	101	73	227																																															
F14	27	28	10	25	93	63	105	133	107	79	138	106	93	205																																														
F15	42	40	11	34	143	119	117	159	188	65	131	140	76	108	291																																													
F16	23	23	9	15	40	21	89	87	63	88	89	60	101	70	61	213																																												
F17	30	35	8	26	139	85	135	168	155	87	162	116	100	125	120	102	321																																												
F18	38	39	11	26	135	107	113	149	174	64	130	139	65	97	135	69	133	294																																											
F19	29	27	10	27	49	30	108	101	73	105	95	68	119	78	72	134	110	76	261																																										
F20	26	26	8	22	109	64	115	143	124	79	149	104	90	121	101	94	186	119	102	292																																										
F21	49	44	14	39	213	141	166	211	264	80	171	153	85	120	187	96	191	201	107	165	740																																									
F22	31	30	9	43	93	57	172	140	103	106	114	80	127	91	90	131	131	85	161	125	139	398																																									
F23	39	40	11	39	170	105	184	216	194	112	188	137	130	133	144	133	223	155	157	204	270	221	525																																								
F24	45	39	11	41	217	140	169	221	264	79	175	155	83	117	183	98	197	209	111	172	515	155	299	757																																								
F25	32	31	10	46	91	57	179	139	110	107	117	84	122	92	88	132	142	89	165	128	149	286	227	167	408																																								
F26	39	36	11	43	180	104	179	217	184	101	174	119	113	130	134	120	212	151	144	198	271	224	352	294	232	535																																								
F27	51	49	13	33	200	135	159	208	240	75	162	152	82	118	190	91	183	203	106	162	466	149	265	487	149	270	677																																							
F28	39	32	11	48	105	63	161	135	114	99	102	82	109	83	95	123	123	95	152	117	150	227	199	161	239	218	151	382																																						
F29	38	37	9	37	165	100	168	198	177	104	169	120	126	128	128	124	217	130	147	181	220	197	304	233	206	286	203	191	416																																					
F30	50	48	14	37	197	139	162	206	235	74	157	151	89	120	188	94	186	199	110	158	363	143	251	390	151	254	380	154	227	539																																				
F31	26	19	7	27	60	39	88	86	70	59	65	50	66	55	53	79	89	67	96	83	90	129	119	93	128	119	87	123	109	89	176																																			
F32	49	36	12	54	129	87	187	151	149	91	113	95	98	89	114	114	130	116	142	115	214	206	209	213	235	213	198	233	187	189	119	459																																		
F33	61	50	15	37	206	136	161	208	238	79	156	141	86	120	182	93	181	185	111	150	346	143	237	345	147	249	367	152	218	342	92	199	534																																		
F34	39	31	10	57	118	77	210	150	134	89	102	86	102	84	95	116	131	104	149	116	181	247	210	194	271	226	177	247	190	177	131	282	176	453																																		
F35	37	38	9	39	165	99	194	208	177	110	177	125	132	132	131	134	215	147	164	198	242	245	356	262	251	341	240	217	323	243	126	214	237	231	555																																		
F36	52	48	16	42	209	135	178	218	250	79	168	153	84	115	193	97	192	193	111	170	460	159	281	459	161	278	469	163	220	380	95	209	362	187	255	711																																		
F37	41	34	10	53	115	75	195	151	126	98	111	89	112	91	102	120	133	106	157	123	174	250	215	185	274	221	175	246	190	170	134	276	169	316	233	184	436																																		
F38	40	40	10	39	169	98	182	208	174	103	173	119	116	123	134	125	210	142	153	197	262	236	349	280	242	364	253	220	302	244	124	219	249	231	362	270	238	544																																
F39	51	47	12	39	194	129	158	201	228	74	158	145	84	114	182	91	175	184	110	158	392	150	263	411	157	254	441	157	209	356	86	199	333	182	233	434	183	248	581																														
F40	47	40	12	51	120	83	203	151	139	84	106	90	89	83	106	108	126	105	138	112	189	225	201	197	261	220	192	232	176	178	126	297	183	303	215	203	293	218	195	440																												
F41	45	44	11	41	180	105	190	226	181	100	182	124	110	133	143	116	202	157	148	188	266	217	325	301	231	327	276	213	273	268	122	229	259	233	323	300	245	353	265	238	516																										
F42	56	45	13	37	172	119	146	183	186	72	145	133	80	110	173	85	160	177	96	141	347	132	237	363	137	236	387	143	193	334	76	186	324	166	215	388	159	238	388	176	258	551																								
F43	52	39	12	54	113	76	193	138	126	75	91	85	78	76	100	92	112	104	115	98	164	184	169	169	202	175	178	199	154	173	107	239	179	249	176	184	236	176	189	275	194	181	375																						
F44	42	40	10	43	175	96	179	223	172	100	173	115	108	126	130	118	188	149	143	180	267	210	300	285	220	318	263	219	258	265	121	233	255	236	310	277	243	331	267	235	375	246	197	507																				
F45	55	48	13	38	178	117	147	183	192	69	149	131	76	113	168	85	163	181	101	146	322	136	234	346	141	238	370	149	190	315	78	185	301	160	215	359	163	237	364	175	252	353	170	240	486																		
F46	43	35	11	43	124	85	190	153	156	108	128	100	122	99	115	134	154	117	166	140	197	266	249	206	281	258	193	237	233	185	136	280	191	273	277	206	269	262	201	265	250	171	219	240	170	484																
F47	44	42	10	39	188	109	204	221	198	103	172	130	122	127	147	136	214	153	160	200	292	232	348	308	243	334	277	219	293	269	125	248	265	245	357	300	237	342	274	229	325	241	192	310	235	300	652														
F48	50	45	12	46	230	145	211	234	270	94	185	159	107	132	188	117	224	204	144	195	483	194	342	509	215	333	459	209	277	388	112	271	368	234	325	442	230	338	397	241	327	364	201	320	354	261	404	903												
F49	49	39	14	53	134	89	205	142	162	85	115	108	89	83	115	107	130	125	126	117	212	194	204	225	213	210	222	209	181	207	124	300	212	262	214	236	244	213	215	274	216	204	258	222	196	265	253	277	460										
F50	45	43	14	42	184	111	202	206	212	99	179	135	122	129	144	128	225	159	160	202	291	231	337	297	242	329	274	224	304	268	115	259	271	243	367	291	240	353	270	232	327	251	194	312	245	331	420	405	272	641								
F51	54	48	14	42	223	145	196	234	267	83	179	158	83	122	189	105	197	206	116	173	459	171	292	476	182	297	464	178	233	394	107	254	370	213	277	468	207	293	418	229	321	374	210	312	355	239	339	523	280	341	739							
F52	37	35	10	43	171	97	191	212	175	106	173	120	127	134	130	133	215	135	161	190	222	226	308	237	233	323	221	212	302	237	130	205	228	222	351	236	228	345	218	211	310	195	174	301	197	258	313	293	205	328	256	501						
F53	45	42	11	42	198	113	204	222	214	101	188	139	110	129	147	125	211	164	150	204	317	219	342	323	242	340	304	231	286	293	126	284	290	247	345	324	256	374	302	250	373	273	202	352	271	299	393	430	274	413	387	328	623					
F54	50	46	15	42	215	138	191	226	253	84	172	152	83	123	186	100	190	195	116	160	427	175	275	431	179	281	443	183	222	377	96	254	364	206	261	445	205	282	398	234	305	375	209	296	354	240	314	465	284	327	483	250	364	679				
F55	56	42	16	48	111	83	152	117	126	61	97	93	68	77	105	76	111	115	94	97	190	140	160	192	150	164	199	158	142	188	89	228	187	196	156	207	176	167	194	215	172	203	213	169	196	191	191	227	265	206	237	162	214	247	368			
F56	47	46	12	48	206	120	203	228	209	97	180	131	104	129	157	115	198	166	138	182	314	202	300	325	219	319	303	218	265	286	119	287	292	248	301	316	244	329	293	259	347	274	215	352	273	284	340	405	276	369	380	291	419	359	217	566		
F57	58	50	17	43	198	131	179	205	227	78	157	139	84	114	178	97	177	184	112	147	375	154	259	377	166	260	404	175	213	351	98	234	360	195	241	397	195	252	380	217	283	356	202	278	338	222	293	413	263	296	438	231	338	443	233	353	602	
F58	56	41	15	42	89	80	129	105	111	59	84	86	63	71	95	73	102	99	89	88	170	123	146	167	141	149	171	149	130	157	79	206	158	167	133	177	162	154	170	200	158	171	182	150	162	173	168	191	229	182	198	136	190	207	235	194	199	310
F59	48	46	14	45	196	118	195	226	202	99	171	134	105	127	161	110	194	166	124	173	289	180	281	297	190	284	297	200	246	277	113	255	275	213	266	293	216	285	276	231	310	263	201	308	257	251	311	352	263	333	355	268	361	343	218	377	324	192
F60	62	53	16	43	180	123	163	199	200	75	156	140	80	116	175	90	167	173	107	143	319	145	247	324	153	248	342	168	197	309	86	220	312	184	220	353	180	241	334	204	265	352	198	259	334	206	268	361	240	274	373	203	308	394	241	314	382	203	307	528

Table S6.

Identified unique peptides in corresponding fractions

Overlap unique peptidess between top and right fractions in the table

pH steps	Salt steps	Fractions	1,2,3	4,5,6	7,8,9	10,11, 12	13,14, 15	16,17, 18	19,20, 21	22,23, 24	25,26, 27	28,29, 30	31,32, 33	34,35, 36	37,38, 39	40,41, 42	43,44, 45	46,47, 48	49,50, 51	52,53, 54	55,56, 57	58,59, 60
pH 2	**Flowthrough**	1,2,3	**119**																			
pH 3.5	**600 mM**	4,5,6	**50**	**571**																		
	800 mM	7,8,9	69	**374**	**855**																	
	1000mM	10,11,12	55	187	**300**	**489**																
pH 5.0	**200 mM**	13,14,15	67	203	310	**270**	**507**															
	400 mM	16,17,18	64	215	332	279	**268**	**587**														
	600 mM	19,20,21	70	266	421	301	305	**384**	**993**													
	800 mM	22,23,24	68	299	474	308	309	392	**678**	**1148**												
	1000 mM	25,26,27	78	289	460	300	313	385	641	**792**	**1100**											
pH 6.0	**100 mM**	28,29,30	74	282	429	292	308	378	522	624	**622**	**895**										
	200 mM	31,32,33	86	276	421	247	266	320	471	532	568	**515**	**843**									
	400 mM	34,35,36	78	294	492	301	309	383	644	769	787	648	**584**	**1192**								
	600 mM	37,38,39	79	279	450	284	288	359	585	710	737	600	553	**768**	**1046**							
	800 mM	40,41,42	89	272	444	274	283	343	534	638	674	573	564	699	**694**	**983**						
	1000 mM	43,44,45	83	273	442	272	272	339	501	588	622	545	528	644	643	**673**	**903**					
pH 10	**100 mM**	46,47,48	77	303	480	297	307	397	651	771	751	627	591	752	702	643	**608**	**1288**				
	200 mM	49,50,51	81	304	489	304	303	396	622	723	723	625	607	760	698	662	637	**829**	**1169**			
	600 mM	52,53,54	79	291	453	302	306	379	600	688	700	620	567	722	689	662	624	738	**764**	**1082**		
	1000 mM	55,56,57	90	275	420	260	269	332	513	566	602	528	552	615	593	620	604	630	675	**659**	**922**	
	2000 mM	58,59,60	92	255	390	256	261	317	446	495	523	476	495	529	518	566	543	557	584	580	**611**	**789**