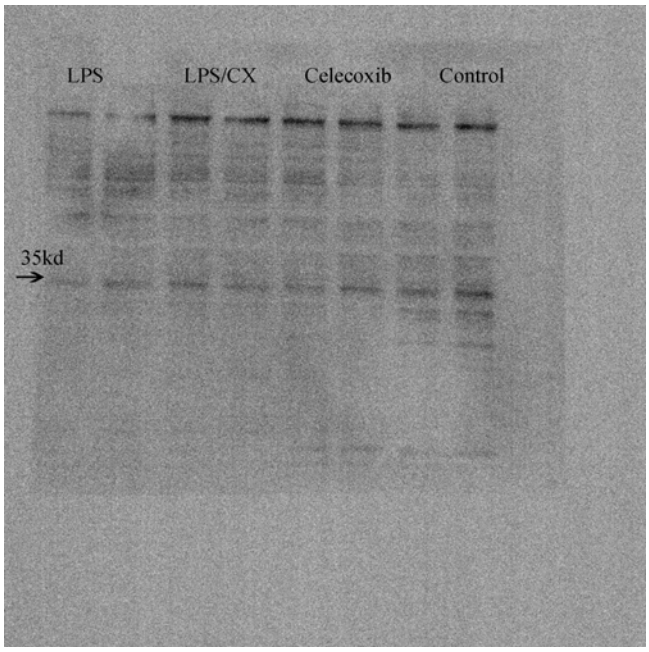
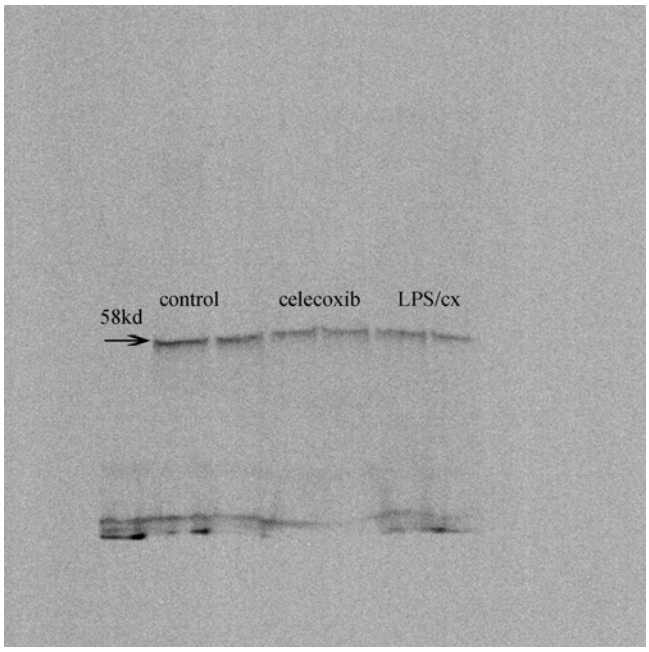
Supplementary Material (ESI) for Molecular BioSystems

Supplementary Information
c0mb00201a

GADPH



Immnunoblot analysis of vimentin in 3 groups confirm 2-DE and MS analysis.



Detail Report by Lane
glyoxalase
November 28, 2010

Lane 1 Name: #1

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	9	--	6.5	--	--	--	--

Band #	Trace CNT x mm
1 - 4	372.912

Lane 2 Name: #2

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	2	--	5.8	--	--	--	--

Band #	Trace CNT x mm
2 - 1	367.906

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
glyoxalase
November 28, 2010

Lane 3 Name: #3

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	3	--	6.9	--	--	--	--

Band #	Trace CNT x mm
3 - 1	176.679

Lane 4 Name: #4

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	2	--	5.5	--	--	--	--

Band #	Trace CNT x mm
4 - 1	184.435

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
glyoxalase
November 28, 2010

Lane 5 Name: #5

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	2	--	6.5	--	--	--	--

Band #	Trace CNT x mm
5 - 1	180.285

Lane 6 Name: #6

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	2	--	5.5	--	--	--	--

Band #	Trace CNT x mm
6 - 1	190.198

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
gapdh1
December 14, 2010

Lane 1 Name: #1

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	8	--	2.5	--	--	--	--

Band #	Trace CNT x mm
1 - 1	22.286

Lane 2 Name: #2

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	10	--	2.5	--	--	--	--

Band #	Trace CNT x mm
2 - 3	26.162

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
gapdh1
December 14, 2010

Lane 3 Name: #3

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	8	--	2.5	--	--	--	--

Band #	Trace CNT x mm
3 - 4	26.941

Lane 4 Name: #4

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	6	--	2.5	--	--	--	--

Band #	Trace CNT x mm
4 - 1	23.397

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
gapdh1
December 14, 2010

Lane 5 Name: #5

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	7	--	2.5	--	--	--	--

Band #	Trace CNT x mm
5 - 2	24.428

Lane 6 Name: #6

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	7	--	2.5	--	--	--	--

Band #	Trace CNT x mm
6 - 2	27.754

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
gapdh1
December 14, 2010

Lane 7 Name: #7

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	6	--	2.5	--	--	--	--

Band #	Trace CNT x mm
7 - 1	28.908

Lane 8 Name: #8

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	4	--	2.5	--	--	--	--

Band #	Trace CNT x mm
8 - 1	31.351

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
vimentin 1
December 14, 2010

Lane 1 Name: #1

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	6	--	2.5	--	--	--	--

Band #	Trace CNT x mm
1 - 1	89.079

Lane 2 Name: #2

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	11	--	2.5	--	--	--	--

Band #	Trace CNT x mm
2 - 2	80.709

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
vimentin 1
December 14, 2010

Lane 3 Name: #3

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	7	--	2.5	--	--	--	--

Band #	Trace CNT x mm
3 - 1	36.657

Lane 4 Name: #4

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	6	--	2.5	--	--	--	--

Band #	Trace CNT x mm
4 - 1	34.414

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Detail Report by Lane
vimentin 1
December 14, 2010

Lane 5 Name: #5

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	7	--	2.5	--	--	--	--

Band #	Trace CNT x mm
5 - 1	41.997

Lane 6 Name: #6

Lane Information:

Background		Band Detection Parameters					
Method	Radius	Sensitivity	Width	Min.Dens	Filter	Shoulder	Size
Disk	5	--	2.5	--	--	--	--

Band #	Trace CNT x mm
6 - 1	34.831

Molecular Weight Calculation Method: Point to Point
= Known x Extrapolated

Analysis Information

Report Type	Protein-Peptide Summary by Spot	Analysis Type	Combined (MS+MS/MS)
Sample Set Name	Cinnagen 23 Oct 08	Database	NCBInr
Analysis Name	Mouse DB	Creation Date	10/23/2008 13:01:09
Reported By	10/23/2008 14:36:30 - admin	Last Modified	10/23/2008 13:44:19

MS Acq. : Proc. Methods (Unspecified) : (Unspecified)

Interpretation Method (Unspecified)

Gel Idx/Pos	1/A1	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74141836	Mascot	39562.4	5.06	16	257	100	966870.69	100

Protein Group

tropomodulin 3 [Mus musculus]	gi|8394460	39592.4	5.0199999809 2651

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4053	850.4104	0.0051	6	59	66	SATGPFDR					Mascot
865.5029	865.4991	-0.0038	-4	69	75	LLSYLEK					Mascot
873.4537	873.4747	0.021	24	193	199	IRENDAR					Mascot
895.5611	895.5607	-0.0004	0	210	217	NIPIPTLK					Mascot
902.4843	902.4899	0.0056	6	231	238	HFSLAATR	19	0			Mascot
902.4843	902.4899	0.0056	6	231	238	HFSLAATR					Mascot
945.5475	945.5555	0.008	8	329	337	TRAANAITK					Mascot
1012.5422	1012.5357	-0.0065	-6	222	230	TLEANTHVK					Mascot
1155.6732	1155.6677	-0.0055	-5	200	209	LVEVNLNNIK					Mascot
1155.6732	1155.6677	-0.0055	-5	200	209	LVEVNLNNIK					Mascot
1328.6383	1328.6377	-0.0006	0	318	328	FGYQFTQQGPR	59	99.95			Mascot
1328.6383	1328.6377	-0.0006	0	318	328	FGYQFTQQGPR					Mascot
1449.7255	1449.7217	-0.0038	-3	295	307	QQLGTSVELEMAK			Oxidation (M)[11]		Mascot
1457.6544	1457.6553	0.0009	1	82	93	DRDDYVPYTGEK	8	0			Mascot
1457.6544	1457.6553	0.0009	1	82	93	DRDDYVPYTGEK					Mascot

	1493.7305	1493.7242	-0.0063	-4	239	252	SNDPVAVAFADMLK		37	92.03	Oxidation (M)[12]					Mascot
	1493.7305	1493.7242	-0.0063	-4	239	252	SNDPVAVAFADMLK				Oxidation (M)[12]					Mascot
	2138.1016	2138.0967	-0.0049	-2	173	191	ILPVFDEPPNPTNVEESLK									Mascot
	2294.2026	2294.1997	-0.0029	-1	173	192	ILPVFDEPPNPTNVEESLKR									Mascot
	2294.2026	2294.1997	-0.0029	-1	173	192	ILPVFDEPPNPTNVEESLKR									Mascot
	2321.217	2321.2078	-0.0092	-4	259	280	SLNMESNFITGAGVLALIDALR				Oxidation (M)[4]					Mascot
	2326.1926	2326.1946	0.002	1	31	51	QLETVLDDLDPENALLPAGFR									Mascot

2	unnamed protein product [Mus musculus]	gi|26351109	Mascot	28914	5.4	12	214	100	966870.69	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
873.4537	873.4747	0.021	24	100	106	IRENDAR					Mascot
895.5611	895.5607	-0.0004	0	117	124	NIPIPTLK					Mascot
902.4843	902.4899	0.0056	6	138	145	HFSLAATR	19	0			Mascot
902.4843	902.4899	0.0056	6	138	145	HFSLAATR					Mascot
945.5475	945.5555	0.008	8	236	244	TRAANAITK					Mascot
1012.5422	1012.5357	-0.0065	-6	129	137	TLEANTHVK					Mascot
1155.6732	1155.6677	-0.0055	-5	107	116	LVEVNLNNIK					Mascot
1155.6732	1155.6677	-0.0055	-5	107	116	LVEVNLNNIK					Mascot
1328.6383	1328.6377	-0.0006	0	225	235	FGYQFTQQGPR	59	99.95			Mascot
1328.6383	1328.6377	-0.0006	0	225	235	FGYQFTQQGPR					Mascot
1449.7255	1449.7217	-0.0038	-3	202	214	QQLGTSVELEMAK			Oxidation (M)[11]		Mascot
1493.7305	1493.7242	-0.0063	-4	146	159	SNDPVAVAFADMLK	37	92.03	Oxidation (M)[12]		Mascot
1493.7305	1493.7242	-0.0063	-4	146	159	SNDPVAVAFADMLK			Oxidation (M)[12]		Mascot
2138.1016	2138.0967	-0.0049	-2	80	98	ILPVFDEPPNPTNVEESLK					Mascot
2294.2026	2294.1997	-0.0029	-1	80	99	ILPVFDEPPNPTNVEESLKR					Mascot
2294.2026	2294.1997	-0.0029	-1	80	99	ILPVFDEPPNPTNVEESLKR					Mascot
2321.217	2321.2078	-0.0092	-4	166	187	SLNMESNFITGAGVLALIDALR			Oxidation (M)[4]		Mascot

3	unnamed protein product [Mus musculus]	gi|74188493	Mascot	17970.6	9.65	2	69	98.055	966870.69	99.95	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	895.5611	895.5607	-0.0004	0	18	25	NIPIPTLK								Mascot
	1328.6747	1328.6377	-0.037	-28	126	136	FGYQFTKQGPR		59	99.95					Mascot
	1328.6747	1328.6377	-0.037	-28	126	136	FGYQFTKQGPR								Mascot

4	neural tropomodulin N-Tmod [Mus musculus]	gi|7288857	Mascot	39485.6	5.34	3	68	97.818	966870.69	99.95		

Protein Group

tropomodulin 2 [Mus musculus]	gi|6934242	39546.7	5.2800 0020980835
tropomodulin 2 [Mus musculus]	gi|31543876	39486.6	5.2800 0020980835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4491	850.4104	-0.0387	-46	1	7	MALPFQK			Oxidation (M)[1]		Mascot
895.5611	895.5607	-0.0004	0	209	216	NIPIPTLK					Mascot
1328.6747	1328.6377	-0.037	-28	317	327	FGYQFTKQGPR	59	99.95			Mascot
1328.6747	1328.6377	-0.037	-28	317	327	FGYQFTKQGPR					Mascot

5	tropomodulin 2, isoform CRA_d [Mus musculus]	gi|148694383	Mascot	39775.7	5.28	3	68	97.767	966870.69	99.95		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4491	850.4104	-0.0387	-46	1	7	MALPFQK			Oxidation (M)[1]		Mascot
895.5611	895.5607	-0.0004	0	211	218	NIPIPTLK					Mascot
1328.6747	1328.6377	-0.037	-28	319	329	FGYQFTKQGPR	59	99.95			Mascot
1328.6747	1328.6377	-0.037	-28	319	329	FGYQFTKQGPR					Mascot

Gel Idx/Pos	15/A2	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	transcription elongation factor B (SIII), polypeptide 2 [Mus musculus]	gi|13385800	Mascot	13218.7	4.87	5	84	99.944	1068549.62	96.384

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
896.4724	896.4736	0.0012	1	12	19	TTIFTDAK					Mascot
911.4693	911.4692	-0.0001	0	37	43	RPPEEQR	18	0			Mascot
911.4693	911.4692	-0.0001	0	37	43	RPPEEQR					Mascot
1037.4899	1037.4896	-0.0003	0	81	89	ADDTFEALR	23	0			Mascot
1037.4899	1037.4896	-0.0003	0	81	89	ADDTFEALR					Mascot
1422.7112	1422.7122	0.001	1	44	55	LYKDDQLLDDGK					Mascot
2636.325	2636.3274	0.0024	1	56	80	TLGECGFTSQTARPQAP ATVGLAFR			Carbamidomethyl (C)[5]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mCG128496 [Mus musculus]	gi|148690327	Mascot	11329.7	4.52	4	76	99.621	1068549.62	96.384

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
911.4693	911.4692	-0.0001	0	22	28	RPPEEQR	18	0			Mascot
911.4693	911.4692	-0.0001	0	22	28	RPPEEQR					Mascot
1037.4899	1037.4896	-0.0003	0	66	74	ADDTFEALR	23	0			Mascot
1037.4899	1037.4896	-0.0003	0	66	74	ADDTFEALR					Mascot
1422.7112	1422.7122	0.001	1	29	40	LYKDDQLLDDGK					Mascot
2636.325	2636.3274	0.0024	1	41	65	TLGECGFTSQTARPQAP ATVGLAFR			Carbamidomethyl (C)[5]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74221238	Mascot	82633.6	7.71	9	37	0	1068549.62	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
939.4352	939.4957	0.0605	64	64	70	VDYQMQR					Mascot
1019.5302	1019.4857	-0.0445	-44	428	437	NATSAMLVGR					Mascot

	1045.6252	1045.5702	-0.055	-53	212	220	ILKDTSLQK							Mascot
	1142.5477	1142.494	-0.0537	-47	576	585	FGSLTYSDPR							Mascot
	1427.6914	1427.6647	-0.0267	-19	576	587	FGSLTYSDPRER							Mascot
	1427.6914	1427.6647	-0.0267	-19	576	587	FGSLTYSDPRER							Mascot
	1775.936	1775.8147	-0.1213	-68	320	336	SLSALSAYHTGLIAPMK					Oxidation (M)[16]		Mascot
	2225.0754	2225.1218	0.0464	21	409	427	SLGELYILNVNDTQETCQK					Carbamidomethyl (C)[17]		Mascot
	2239.0247	2239.1353	0.1106	49	292	309	FCGAGYLVYFTRPMTMHR					Carbamidomethyl (C)[2], Oxidation (M)[14,16]		Mascot
	2239.0247	2239.1353	0.1106	49	292	309	FCGAGYLVYFTRPMTMHR					Carbamidomethyl (C)[2], Oxidation (M)[14,16]		Mascot
	2811.4709	2811.3025	-0.1684	-60	310	336	AVSPTEPTPRSLSALSAYHTGLIAPMK					Oxidation (M)[26]		Mascot

4	unnamed protein product [Mus musculus]	gi|74200238	Mascot	99171	7.88	9	32	0	1068549.62

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
939.4352	939.4957	0.0605	64	208	214	VDYQMQR					Mascot
1019.5302	1019.4857	-0.0445	-44	572	581	NATSAMLVGR					Mascot
1045.6252	1045.5702	-0.055	-53	356	364	ILKDTSLQK					Mascot
1142.5477	1142.494	-0.0537	-47	720	729	FGSLTYSDPR					Mascot
1427.6914	1427.6647	-0.0267	-19	720	731	FGSLTYSDPRER					Mascot
1427.6914	1427.6647	-0.0267	-19	720	731	FGSLTYSDPRER					Mascot
1775.936	1775.8147	-0.1213	-68	464	480	SLSALSAYHTGLIAPMK			Oxidation (M)[16]		Mascot
2225.0754	2225.1218	0.0464	21	553	571	SLGELYILNVNDTQETCQK			Carbamidomethyl (C)[17]		Mascot
2239.0247	2239.1353	0.1106	49	436	453	FCGAGYLVYFTRPMTMHR			Carbamidomethyl (C)[2], Oxidation (M)[14,16]		Mascot
2239.0247	2239.1353	0.1106	49	436	453	FCGAGYLVYFTRPMTMHR			Carbamidomethyl (C)[2], Oxidation (M)[14,16]		Mascot
2811.4709	2811.3025	-0.1684	-60	454	480	AVSPTEPTPRSLSALSAYHTGLIAPMK			Oxidation (M)[26]		Mascot

5	enoyl Coenzyme A hydratase domain containing 2 [Mus musculus]	gi|123209904	Mascot	14337	7.67	4	32	0	1068549.62

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1032.6565	1032.5947	-0.0618	-60	16	24	VLLFRSAVK					Mascot
1037.5085	1037.4896	-0.0189	-18	25	34	GVFCAGADLK			Carbamidomethyl (C)[4]		Mascot
1037.5085	1037.4896	-0.0189	-18	25	34	GVFCAGADLK			Carbamidomethyl (C)[4]		Mascot
1422.741	1422.7122	-0.0288	-20	21	34	SAVKGVFCAGADLK			Carbamidomethyl (C)[8]		Mascot

2811.3691	2811.3025	-0.0666	-24	102	127	NGSLQGETSSQICGQVT QLTLSTHHK	Carbamidomethyl (C)[13]	Mascot

Gel Idx/Pos	2/A3	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12841560	Mascot	12082.8	4.8	6	261	100	1399268.25	100

Protein Group

thioredoxin 1 [Mus musculus]	gi|6755911	12009.8	4.8000001907 3486

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
908.4472	908.4481	0.0009	1	86	94	VGEFSGANK	25	0			Mascot
908.4472	908.4481	0.0009	1	86	94	VGEFSGANK					Mascot
1221.5432	1221.5297	-0.0135	-11	73	81	CMPTFQFYK			Carbamidomethyl (C)[1]		Mascot
1237.5381	1237.5314	-0.0067	-5	73	81	CMPTFQFYK	39	95.055	Carbamidomethyl (C)[1], Oxidation (M)[2]		Mascot
1237.5381	1237.5314	-0.0067	-5	73	81	CMPTFQFYK			Carbamidomethyl (C)[1], Oxidation (M)[2]		Mascot
1320.6431	1320.6394	-0.0037	-3	9	21	EAFQEALAAAGDK	82	100			Mascot
1320.6431	1320.6394	-0.0037	-3	9	21	EAFQEALAAAGDK					Mascot
1522.7545	1522.7501	-0.0044	-3	37	48	MIKPFFHSLCDK			Carbamidomethyl (C)[10]		Mascot
1538.7495	1538.7449	-0.0046	-3	37	48	MIKPFFHSLCDK	56	99.918	Carbamidomethyl (C)[10], Oxidation (M)[1]		Mascot
1538.7495	1538.7449	-0.0046	-3	37	48	MIKPFFHSLCDK			Carbamidomethyl (C)[10], Oxidation (M)[1]		Mascot
1738.8292	1738.8245	-0.0047	-3	22	36	LVVVDFSATWCGPCK			Carbamidomethyl (C)[11,14]		Mascot
2789.228	2789.2405	0.0125	4	49	72	YSNVVFLEVDVDDCQDV AADCEVK			Carbamidomethyl (C)[14,21]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74151816	Mascot	12845.3	4.99	2	79	99.838	1399268.25	99.991

Protein Group

SH3-binding domain glutamic acid-rich protein like [Mus musculus]	gi|9910548	12917.3	4.8699998855 5908

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1190.5114	1190.515	0.0036	3	77	86	GDYDAFFEAR	66	99.991			Mascot
1190.5114	1190.515	0.0036	3	77	86	GDYDAFFEAR					Mascot
1848.9491	1848.9429	-0.0062	-3	87	104	ENNAVYAFLGLTAPPGSK					Mascot

3	hypothetical protein LOC67759 [Mus musculus]	gi|21312800	Mascot	17249.9	9.48	7	50	0	1399268.25

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1175.5297	1175.4501	-0.0796	-68	31	39	HLTMQNEMR			Oxidation (M)[4]		Mascot
1175.5297	1175.4501	-0.0796	-68	31	39	HLTMQNEMR			Oxidation (M)[4]		Mascot
1221.5868	1221.5297	-0.0571	-47	42	51	QMAMQIAWSR					Mascot
1237.5817	1237.5314	-0.0503	-41	42	51	QMAMQIAWSR			Oxidation (M)[2]		Mascot
1237.5817	1237.5314	-0.0503	-41	42	51	QMAMQIAWSR			Oxidation (M)[2]		Mascot
1253.5765	1253.5289	-0.0476	-38	42	51	QMAMQIAWSR			Oxidation (M)[2,4]		Mascot
1476.6682	1476.708	0.0398	27	31	41	HLTMQNEMRER			Oxidation (M)[4,8]		Mascot
1522.7305	1522.7501	0.0196	13	106	118	MKSEAEDILETEK					Mascot
1538.7202	1538.7449	0.0247	16	40	51	ERQMAMQIAWSR			Oxidation (M)[4,6]		Mascot
1538.7255	1538.7449	0.0194	13	106	118	MKSEAEDILETEK			Oxidation (M)[1]		Mascot
1738.8767	1738.8245	-0.0522	-30	42	55	QMAMQIAWSREFLK					Mascot
1754.8717	1754.826	-0.0457	-26	42	55	QMAMQIAWSREFLK			Oxidation (M)[2]		Mascot
1770.8666	1770.8173	-0.0493	-28	42	55	QMAMQIAWSREFLK			Oxidation (M)[2,4]		Mascot
1770.8666	1770.8173	-0.0493	-28	42	55	QMAMQIAWSREFLK			Oxidation (M)[2,4]		Mascot
2210.9739	2211.1045	0.1306	59	8	25	SMNENMKNQQEFMVTHAR			Oxidation (M)[2]		Mascot

4	heterochromatin protein 1, binding protein 3 isoform 1 [Mus musculus]	gi|171543869	Mascot	61057.2	9.71	10	39	0	1399268.25

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
832.3683	832.312	-0.0563	-68	98	105	GEPESGEK					Mascot
870.5519	870.5513	-0.0006	-1	527	534	KPIASARK					Mascot
906.4713	906.4192	-0.0521	-57	387	393	TLQKCEK			Carbamidomethyl (C)[5]		Mascot
908.4836	908.4481	-0.0355	-39	321	329	GASGTFQLK					Mascot
908.4836	908.4481	-0.0355	-39	321	329	GASGTFQLK					Mascot
1316.6998	1316.6466	-0.0532	-40	284	293	YVSQYYPKLR					Mascot
1476.7363	1476.708	-0.0283	-19	30	42	LGEKAEDTTMPIR			Oxidation (M)[10]		Mascot
1554.8169	1554.7419	-0.075	-48	149	162	AQRQTPMASSPRPK					Mascot
1560.6772	1560.7303	0.0531	34	98	111	GEPESGEKEENNNK					Mascot
1738.8866	1738.8245	-0.0621	-36	163	177	MDAILTEAIKACFQK			Carbamidomethyl (C)[12]		Mascot

	1754.8816	1754.826	-0.0556	-32	163	177	MDAILTEAIKACFQK				Carbamidomethyl (C)[12], Oxidation (M)[1]			Mascot
	1941.0665	1940.9359	-0.1306	-67	134	151	TIPAWATLSASQLARAQR							Mascot

5	unnamed protein product [Mus musculus]	gi|26389809	Mascot	60929.1	9.7	10	39	0	1399268.25		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
832.3683	832.312	-0.0563	-68	98	105	GEPESGEK					Mascot
870.5519	870.5513	-0.0006	-1	526	533	KPIASARK					Mascot
906.4713	906.4192	-0.0521	-57	386	392	TLQKCEK			Carbamidomethyl (C)[5]		Mascot
908.4836	908.4481	-0.0355	-39	320	328	GASGTFQLK					Mascot
908.4836	908.4481	-0.0355	-39	320	328	GASGTFQLK					Mascot
1316.6998	1316.6466	-0.0532	-40	283	292	YVSQYYPKLR					Mascot
1476.7363	1476.708	-0.0283	-19	30	42	LGEKAEDTTMPIR			Oxidation (M)[10]		Mascot
1554.8169	1554.7419	-0.075	-48	149	162	AQRQTPMASSPRPK					Mascot
1560.6772	1560.7303	0.0531	34	98	111	GEPESGEKEENNNK					Mascot
1738.8866	1738.8245	-0.0621	-36	163	177	MDAILTEAIKACFQK			Carbamidomethyl (C)[12]		Mascot
1754.8816	1754.826	-0.0556	-32	163	177	MDAILTEAIKACFQK			Carbamidomethyl (C)[12], Oxidation (M)[1]		Mascot
1941.0665	1940.9359	-0.1306	-67	134	151	TIPAWATLSASQLARAQR					Mascot

Gel Idx/Pos	16/A4	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	profilin 1 [Mus musculus]	gi|56206029	Mascot	11926.8	4.73	4	370	100	531565.12	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1454.7639	1454.7554	-0.0085	-6	57	70	SSFFVNGLTLGGQK	102	100			Mascot
1454.7639	1454.7554	-0.0085	-6	57	70	SSFFVNGLTLGGQK					Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK	95	100			Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK					Mascot
1639.7633	1639.7604	-0.0029	-2	76	89	DSLLQDGEFTMDLR					Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR	57	99.906	Oxidation (M)[11]		Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR			Oxidation (M)[11]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK	81	100	Oxidation (M)[14]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK			Oxidation (M)[14]		Mascot

2	profilin 1, isoform CRA_e [Mus musculus]	gi|148680652	Mascot	14079.8	4.94	4	367	100	531565.12	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1454.7639	1454.7554	-0.0085	-6	57	70	SSFFVNGLTLGGQK	102	100			Mascot
1454.7639	1454.7554	-0.0085	-6	57	70	SSFFVNGLTLGGQK					Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK	95	100			Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK					Mascot
1639.7633	1639.7604	-0.0029	-2	76	89	DSLLQDGEFTMDLR					Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR	57	99.906	Oxidation (M)[11]		Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR			Oxidation (M)[11]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK	81	100	Oxidation (M)[14]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK			Oxidation (M)[14]		Mascot

3	unnamed protein product [Mus musculus]	gi|26389590	Mascot	15095.6	8.46	4	365	100	531565.12	100

Protein Group

profilin 1 [Mus musculus]	gi|6755040	15118.6	8.4600

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1454.7639	1454.7554	-0.0085	-6	57	70	SSFFVNGLTLGGQK	102	100			Mascot
1454.7639	1454.7554	-0.0085	-6	57	70	SSFFVNGLTLGGQK					Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK	95	100			Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK					Mascot
1639.7633	1639.7604	-0.0029	-2	76	89	DSLLQDGEFTMDLR					Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR	57	99.906	Oxidation (M)[11]		Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR			Oxidation (M)[11]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK	81	100	Oxidation (M)[14]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK			Oxidation (M)[14]		Mascot

4	profilin 1, isoform CRA_b [Mus musculus]	gi|148680649	Mascot	18110.8	6.21	4	364	100	531565.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1454.7639	1454.7554	-0.0085	-6	96	109	SSFFVNGLTLGGQK	102	100			Mascot
1454.7639	1454.7554	-0.0085	-6	96	109	SSFFVNGLTLGGQK					Mascot
1616.9259	1616.9144	-0.0115	-7	78	93	TFVSITPAEVGVLVGK	95	100			Mascot
1616.9259	1616.9144	-0.0115	-7	78	93	TFVSITPAEVGVLVGK					Mascot
1639.7633	1639.7604	-0.0029	-2	115	128	DSLLQDGEFTMDLR					Mascot
1655.7582	1655.7498	-0.0084	-5	115	128	DSLLQDGEFTMDLR	57	99.906	Oxidation (M)[11]		Mascot
1655.7582	1655.7498	-0.0084	-5	115	128	DSLLQDGEFTMDLR			Oxidation (M)[11]		Mascot
1698.8368	1698.8268	-0.01	-6	131	147	STGGAPTFNVTVTMTAK	81	100	Oxidation (M)[14]		Mascot
1698.8368	1698.8268	-0.01	-6	131	147	STGGAPTFNVTVTMTAK			Oxidation (M)[14]		Mascot

5	unnamed protein product [Mus musculus]	gi|74220150	Mascot	15144.6	8.46	3	254	100	531565.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK	95	100			Mascot
1616.9259	1616.9144	-0.0115	-7	39	54	TFVSITPAEVGVLVGK					Mascot
1639.7633	1639.7604	-0.0029	-2	76	89	DSLLQDGEFTMDLR					Mascot

1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR	57	99.906	Oxidation (M)[11]		Mascot
1655.7582	1655.7498	-0.0084	-5	76	89	DSLLQDGEFTMDLR			Oxidation (M)[11]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK	81	100	Oxidation (M)[14]		Mascot
1698.8368	1698.8268	-0.01	-6	92	108	STGGAPTFNVTVTMTAK			Oxidation (M)[14]		Mascot

Gel Idx/Pos	3/A5	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	tubulin, alpha 1B [Mus musculus]	gi|34740335	Mascot	50803.9	4.94	15	395	100	718089.25	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.428	903.4327	0.0047	5	395	401	FDLMYAK			Oxidation (M)[4]		Mascot
1023.449	1023.4625	0.0135	13	97	105	EDAANNYAR					Mascot
1059.5292	1059.5353	0.0061	6	395	402	FDLMYAKR			Oxidation (M)[4]		Mascot
1085.6201	1085.6222	0.0021	2	113	121	EIIDLVLDR					Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK	85	100			Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK					Mascot
1487.8792	1487.8789	-0.0003	0	230	243	LISQIVSSITASLR					Mascot
1584.7516	1584.7563	0.0047	3	340	352	SIQFVDWCPTGFK			Carbamidomethyl (C)[8]		Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR	67	99.993			Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR					Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR	15	0			Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR					Mascot
1740.8527	1740.8512	-0.0015	-1	339	352	RSIQFVDWCPTGFK			Carbamidomethyl (C)[9]		Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK	69	99.996			Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK					Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK	20	0			Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK					Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK	21	0			Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK					Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR	3	0			Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74186501	Mascot	50791.8	4.94	14	384	100	718089.25	100

Protein Group

unnamed protein product [Mus musculus]	gi|74181454	50787.8	4.9400 000572 2046

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.428	903.4327	0.0047	5	395	401	FDLMYAK			Oxidation (M)[4]		Mascot
1023.449	1023.4625	0.0135	13	97	105	EDAANNYAR					Mascot
1059.5292	1059.5353	0.0061	6	395	402	FDLMYAKR			Oxidation (M)[4]		Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK	85	100			Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK					Mascot
1487.8792	1487.8789	-0.0003	0	230	243	LISQIVSSITASLR					Mascot
1584.7516	1584.7563	0.0047	3	340	352	SIQFVDWCPTGFK			Carbamidomethyl (C)[8]		Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR	67	99.993			Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR					Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR	15	0			Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR					Mascot
1740.8527	1740.8512	-0.0015	-1	339	352	RSIQFVDWCPTGFK			Carbamidomethyl (C)[9]		Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK	69	99.996			Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK					Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK	20	0			Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK					Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK	21	0			Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK					Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR	3	0			Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR					Mascot

3	unnamed protein product [Mus musculus]	gi|74198443	Mascot	50591.8	4.96	13	373	100	718089.25	100			

Protein Group

alpha-tubulin isotype M-alpha-2	gi|202210	50817.9	4.9400 000572 2046
tubulin, alpha 1C [Mus musculus]	gi|6678469	50561.7	4.9600 000381 4697

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.428	903.4327	0.0047	5	395	401	FDLMYAK			Oxidation (M)[4]		Mascot
1023.449	1023.4625	0.0135	13	97	105	EDAANNYAR					Mascot
1059.5292	1059.5353	0.0061	6	395	402	FDLMYAKR			Oxidation (M)[4]		Mascot
1085.6201	1085.6222	0.0021	2	113	121	EIIDLVLDR					Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK	85	100			Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK					Mascot
1487.8792	1487.8789	-0.0003	0	230	243	LISQIVSSITASLR					Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR	67	99.993			Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR					Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR	15	0			Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR					Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK	69	99.996			Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK					Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK	20	0			Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK					Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK	21	0			Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK					Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR	3	0			Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR					Mascot

4	unnamed protein product [Mus musculus]	gi|74211311	Mascot	50729.8	4.94	12	362	100	718089.25	100	

Protein Group

tubulin, alpha 1 [Mus musculus]	gi|6755901	50787.9	4.9400000572 2046
unnamed protein product [Mus musculus]	gi|74220042	50788.8	4.8699998855 5908

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.428	903.4327	0.0047	5	395	401	FDLMYAK			Oxidation (M)[4]		Mascot

1023.449	1023.4625	0.0135	13	97	105	EDAANNYAR								Mascot
1059.5292	1059.5353	0.0061	6	395	402	FDLMYAKR							Oxidation (M)[4]	Mascot
1085.6201	1085.6222	0.0021	2	113	121	EIIDLVLDR								Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR							Carbamidomethyl (C)[4,5], Oxidation (M)[2]	Mascot
1265.5476	1265.5458	-0.0018	-1	312	320	YMACCLLYR							Carbamidomethyl (C)[4,5], Oxidation (M)[2]	Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK			85	100				Mascot
1410.774	1410.7698	-0.0042	-3	85	96	QLFHPEQLITGK								Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR			67	99.993				Mascot
1701.9059	1701.9043	-0.0016	-1	65	79	AVFVDLEPTVIDEVR								Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR			15	0				Mascot
1718.8821	1718.884	0.0019	1	216	229	NLDIERPTYTNLNR								Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK			69	99.996				Mascot
1756.9633	1756.9614	-0.0019	-1	265	280	IHFPLATYAPVISAEK								Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK			20	0				Mascot
1824.9855	1824.9854	-0.0001	0	353	370	VGINYQPPTVVPGGDLAK								Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK			21	0				Mascot
2007.8931	2007.8912	-0.0019	-1	41	60	TIGGGDDSFNTFFSETGAGK								Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR			3	0				Mascot
2409.2085	2409.2056	-0.0029	-1	244	264	FDGALNVDLTEFQTNLVPYPR								Mascot

5	mCG18413, isoform CRA_b [Mus musculus]	gi|148672205	Mascot	51572.4	4.98	12	361	100	718089.25	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.428	903.4327	0.0047	5	403	409	FDLMYAK			Oxidation (M)[4]		Mascot
1023.449	1023.4625	0.0135	13	105	113	EDAANNYAR					Mascot
1059.5292	1059.5353	0.0061	6	403	410	FDLMYAKR			Oxidation (M)[4]		Mascot
1085.6201	1085.6222	0.0021	2	121	129	EIIDLVLDR					Mascot
1265.5476	1265.5458	-0.0018	-1	320	328	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1265.5476	1265.5458	-0.0018	-1	320	328	YMACCLLYR			Carbamidomethyl (C)[4,5], Oxidation (M)[2]		Mascot
1410.774	1410.7698	-0.0042	-3	93	104	QLFHPEQLITGK	85	100			Mascot
1410.774	1410.7698	-0.0042	-3	93	104	QLFHPEQLITGK					Mascot
1701.9059	1701.9043	-0.0016	-1	73	87	AVFVDLEPTVIDEVR	67	99.993			Mascot
1701.9059	1701.9043	-0.0016	-1	73	87	AVFVDLEPTVIDEVR					Mascot

1718.8821	1718.884	0.0019	1	224	237	NLDIERPTYTNLNR	15	0	Mascot
1718.8821	1718.884	0.0019	1	224	237	NLDIERPTYTNLNR			Mascot
1756.9633	1756.9614	-0.0019	-1	273	288	IHFPLATYAPVISAEK	69	99.996	Mascot
1756.9633	1756.9614	-0.0019	-1	273	288	IHFPLATYAPVISAEK			Mascot
1824.9855	1824.9854	-0.0001	0	361	378	VGINYQPPTVVPGGDLAK	20	0	Mascot
1824.9855	1824.9854	-0.0001	0	361	378	VGINYQPPTVVPGGDLAK			Mascot
2007.8931	2007.8912	-0.0019	-1	49	68	TIGGGDDSFNTFFSETGAGK	21	0	Mascot
2007.8931	2007.8912	-0.0019	-1	49	68	TIGGGDDSFNTFFSETGAGK			Mascot
2409.2085	2409.2056	-0.0029	-1	252	272	FDGALNVDLTEFQTNLVPYPR	3	0	Mascot
2409.2085	2409.2056	-0.0029	-1	252	272	FDGALNVDLTEFQTNLVPYPR			Mascot

Gel Idx/Pos	17/A6	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74221238	Mascot	82633.6	7.71	9	37	0	965305.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
899.5244	899.4924	-0.032	-36	1	7	MVPQLRR					Mascot
1045.6252	1045.566	-0.0592	-57	212	220	ILKDTSLQK					Mascot
1408.6672	1408.632	-0.0352	-25	655	666	SEVRGTQCAICK			Carbamidomethyl (C)[8,11]		Mascot
1412.6562	1412.6298	-0.0264	-19	61	70	MWRVDYQMQR					Mascot
1412.6562	1412.6298	-0.0264	-19	61	70	MWRVDYQMQR					Mascot
1568.7704	1568.7219	-0.0485	-31	43	55	EGSKDYQLVTWSR					Mascot
1775.936	1775.8438	-0.0922	-52	320	336	SLSALSAYHTGLIAPMK			Oxidation (M)[16]		Mascot
2225.0754	2225.1235	0.0481	22	409	427	SLGELYILNVNDTQETCQK			Carbamidomethyl (C)[17]		Mascot
2239.0247	2239.1331	0.1084	48	292	309	FCGAGYLVYFTRPMTMHR			Carbamidomethyl (C)[2], Oxidation (M)[14,16]		Mascot
2239.0247	2239.1331	0.1084	48	292	309	FCGAGYLVYFTRPMTMHR			Carbamidomethyl (C)[2], Oxidation (M)[14,16]		Mascot
2811.4709	2811.3115	-0.1594	-57	310	336	AVSPTEPTPRSLSALSAYHTGLIAPMK			Oxidation (M)[26]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	SET domain containing 4 [Mus musculus]	gi|172073177	Mascot	50576.3	9.33	4	32	0	965305.69	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.5049	864.5004	-0.0045	-5	207	213	AVYLRSR					Mascot
1789.9476	1789.8517	-0.0959	-54	408	422	SQLSLVEALRMEELR	16	0	Oxidation (M)[11]		Mascot
1789.9476	1789.8517	-0.0959	-54	408	422	SQLSLVEALRMEELR			Oxidation (M)[11]		Mascot
2225.0908	2225.1235	0.0327	15	44	64	FEDTDLVPASFPGTGRGLMSK					Mascot
2313.304	2313.1926	-0.1114	-48	98	117	KWKPPVSPLLALCTFLVSEK			Carbamidomethyl (C)[13]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	PREDICTED: similar to novel KRAB box containing protein [Mus musculus]	gi|149255924	Mascot	46800.4	7.16	6	32	0	965305.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start	End	Sequence	Ion	C. I. %	Modification	Rank	Result Type

				Seq.	Seq.			Score			
1412.6298	1412.6298	0	0	358	368	EKPYKCNECGK			Carbamidomethyl (C)[6,9]		Mascot
1412.6298	1412.6298	0	0	358	368	EKPYKCNECGK			Carbamidomethyl (C)[6,9]		Mascot
1422.5955	1422.6444	0.0489	34	20	30	EEWECLDSAQR			Carbamidomethyl (C)[5]		Mascot
1426.6995	1426.6425	-0.057	-40	216	227	LNSASVLYEQMR			Oxidation (M)[11]		Mascot
1426.6995	1426.6425	-0.057	-40	216	227	LNSASVLYEQMR			Oxidation (M)[11]		Mascot
2225.0227	2225.1235	0.1008	45	270	288	ESMNAMNHGRYNVGEKPYK					Mascot
2440.2881	2440.1926	-0.0955	-39	197	215	SDIWINKLCFLLYILQNMR			Carbamidomethyl (C)[9]		Mascot
2440.2881	2440.1926	-0.0955	-39	197	215	SDIWINKLCFLLYILQNMR			Carbamidomethyl (C)[9]		Mascot
2811.2891	2811.3115	0.0224	8	54	77	SEVIFCLEQNNESWIAGREDTEGK			Carbamidomethyl (C)[6]		Mascot

4	nasopharyngeal epithelium-specific protein 1 [Mus musculus]	gi|13925850	Mascot	10371.4	10.24	3	30	0	965305.69		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2211.0347	2211.1069	0.0722	33	34	54	AMNSEVDESLFGGVKPSSQGR			Oxidation (M)[2]		Mascot
2299.1387	2299.176	0.0373	16	3	25	VDPAPLRPGDASSSASTASNRSR					Mascot
2440.1772	2440.1926	0.0154	6	32	54	TKAMNSEVDESLFGGVKPSSQGR			Oxidation (M)[4]		Mascot
2440.1772	2440.1926	0.0154	6	32	54	TKAMNSEVDESLFGGVKPSSQGR			Oxidation (M)[4]		Mascot

5	unnamed protein product [Mus musculus]	gi|74208559	Mascot	12886.4	8.95	4	30	0	965305.69		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
870.5407	870.5471	0.0064	7	16	22	QLVELLR					Mascot
1239.6481	1239.5957	-0.0524	-42	86	95	NNTEKFFLAR					Mascot
1540.7908	1540.7285	-0.0623	-40	91	102	FFLARDWTSELR					Mascot
2211.0942	2211.1069	0.0127	6	42	60	ARTAALYFSQNIPSSEHYR					Mascot

Gel Idx/Pos	4/A7	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mannose-6-phosphate receptor binding protein 1 [Mus musculus]	gi|13385312	Mascot	47347	5.45	16	367	100	1109902.5	100

Protein Group

unnamed protein product [Mus musculus]	gi|12849312	47329.9	5.4499998092 6514
unnamed protein product [Mus musculus]	gi|26340270	47027.7	6.0300002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
830.4114	830.4191	0.0077	9	361	367	EQAQQAR					Mascot
914.4479	914.4514	0.0035	4	51	57	ENYPHVR	1	0			Mascot
914.4479	914.4514	0.0035	4	51	57	ENYPHVR					Mascot
1083.5219	1083.5237	0.0018	2	235	242	QEQNYFVR	32	75.327			Mascot
1083.5219	1083.5237	0.0018	2	235	242	QEQNYFVR					Mascot
1155.5542	1155.5543	0.0001	0	252	261	NHAYEHSLGK					Mascot
1176.6042	1176.6005	-0.0037	-3	185	195	VGQMVISGVDR	9	0	Oxidation (M)[4]		Mascot
1176.6042	1176.6005	-0.0037	-3	185	195	VGQMVISGVDR			Oxidation (M)[4]		Mascot
1585.7969	1585.7975	0.0006	0	85	98	LEPQIATASEYAHR	86	100			Mascot
1585.7969	1585.7975	0.0006	0	85	98	LEPQIATASEYAHR					Mascot
1601.9109	1601.8252	-0.0857	-53	69	84	TLTTAAVSTAQPILSK					Mascot
1623.8953	1623.8878	-0.0075	-5	103	116	LQESLPILQQPTEK	60	99.961			Mascot
1623.8953	1623.8878	-0.0075	-5	103	116	LQESLPILQQPTEK					Mascot
1772.939	1772.9338	-0.0052	-3	151	168	VTGAVDVTLGAVQNSVDK					Mascot
2008.9934	2008.9946	0.0012	1	312	329	TPQDAEKDPAKPEQVEAR	37	91.849			Mascot
2008.9934	2008.9946	0.0012	1	312	329	TPQDAEKDPAKPEQVEAR					Mascot
2091.1003	2091.1013	0.001	0	269	287	AQETLQQLTSVLGLMESVK			Oxidation (M)[15]		Mascot
2233.1421	2233.1262	-0.0159	-7	29	50	VAGLPLISSTYGMVSAAYTSTK			Oxidation (M)[13]		Mascot
2233.1421	2233.1262	-0.0159	-7	29	50	VAGLPLISSTYGMVSAAYTSTK			Oxidation (M)[13]		Mascot

	2813.4084	2813.3145	-0.0939	-33	117	144	VLADTKELVSSTVSGAQEMVSSSVSSAK				Oxidation (M)[19]					Mascot
	2813.4084	2813.3145	-0.0939	-33	117	144	VLADTKELVSSTVSGAQEMVSSSVSSAK				Oxidation (M)[19]					Mascot
	2827.3989	2827.3215	-0.0774	-27	123	150	ELVSSTVSGAQEMVSSSVSSAKETVATR									Mascot
	2953.4824	2953.5037	0.0213	7	208	234	LPLTEAELALIATPPEDSDMASLQQQR				Oxidation (M)[20]					Mascot
	2990.4968	2990.5251	0.0283	9	368	395	SQVNDLQATFSGIHSFQDLSAGVLAQTR									Mascot
2	TIP47 protein isoform 2 [Mus musculus]				gi|81250672		Mascot	35301.9	5.5	11	272	100	1109902.5	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.4479	914.4514	0.0035	4	51	57	ENYPHVR	1	0			Mascot
914.4479	914.4514	0.0035	4	51	57	ENYPHVR					Mascot
1083.5219	1083.5237	0.0018	2	167	174	QEQNYFVR	32	75.327			Mascot
1083.5219	1083.5237	0.0018	2	167	174	QEQNYFVR					Mascot
1155.5542	1155.5543	0.0001	0	184	193	NHAYEHSLGK					Mascot
1585.7969	1585.7975	0.0006	0	85	98	LEPQIATASEYAHR	86	100			Mascot
1585.7969	1585.7975	0.0006	0	85	98	LEPQIATASEYAHR					Mascot
1601.9109	1601.8252	-0.0857	-53	69	84	TLTTAAVSTAQPILSK					Mascot
1623.8953	1623.8878	-0.0075	-5	103	116	LQESLPILQQPTEK	60	99.961			Mascot
1623.8953	1623.8878	-0.0075	-5	103	116	LQESLPILQQPTEK					Mascot
2091.1003	2091.1013	0.001	0	201	219	AQETLQQLTSVLGLMESVK			Oxidation (M)[15]		Mascot
2233.1421	2233.1262	-0.0159	-7	29	50	VAGLPLISSTYGMVSAAYTSTK			Oxidation (M)[13]		Mascot
2233.1421	2233.1262	-0.0159	-7	29	50	VAGLPLISSTYGMVSAAYTSTK			Oxidation (M)[13]		Mascot
2299.2366	2299.1724	-0.0642	-28	145	166	ETVATRVTGAVDVTLGAVQQQR					Mascot
2813.4084	2813.3145	-0.0939	-33	117	144	VLADTKELVSSTVSGAQEMVSSSVSSAK			Oxidation (M)[19]		Mascot
2813.4084	2813.3145	-0.0939	-33	117	144	VLADTKELVSSTVSGAQEMVSSSVSSAK			Oxidation (M)[19]		Mascot
2827.3989	2827.3215	-0.0774	-27	123	150	ELVSSTVSGAQEMVSSSVSSAKETVATR					Mascot

3	PREDICTED: hypothetical protein [Mus musculus]				gi|149269386		Mascot	14270.3	5.54	5	190	100	1109902.5	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.4479	914.4514	0.0035	4	51	57	ENYPHVR	1	0			Mascot

914.4479	914.4514	0.0035	4	51	57	ENYPHVR									Mascot
1585.7969	1585.7975	0.0006	0	85	98	LEPQIATASEYAHR		86	100						Mascot
1585.7969	1585.7975	0.0006	0	85	98	LEPQIATASEYAHR									Mascot
1601.9109	1601.8252	-0.0857	-53	69	84	TLTTAAVSTAQPILSK									Mascot
1623.8953	1623.8878	-0.0075	-5	103	116	LQESLPILQQPTEK		60	99.961						Mascot
1623.8953	1623.8878	-0.0075	-5	103	116	LQESLPILQQPTEK									Mascot
2233.1421	2233.1262	-0.0159	-7	29	50	VAGLPLISSTYGMVSAAY TSTK				Oxidation (M)[13]					Mascot
2233.1421	2233.1262	-0.0159	-7	29	50	VAGLPLISSTYGMVSAAY TSTK				Oxidation (M)[13]					Mascot

4	mannose-6-phosphate receptor binding protein 1, isoform CRA_b [Mus musculus]	gi|148706212	Mascot	15089.7	4.87	5	189	100	1109902.5	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.4479	914.4514	0.0035	4	76	82	ENYPHVR	1	0			Mascot
914.4479	914.4514	0.0035	4	76	82	ENYPHVR					Mascot
1585.7969	1585.7975	0.0006	0	110	123	LEPQIATASEYAHR	86	100			Mascot
1585.7969	1585.7975	0.0006	0	110	123	LEPQIATASEYAHR					Mascot
1601.9109	1601.8252	-0.0857	-53	94	109	TLTTAAVSTAQPILSK					Mascot
1623.8953	1623.8878	-0.0075	-5	128	141	LQESLPILQQPTEK	60	99.961			Mascot
1623.8953	1623.8878	-0.0075	-5	128	141	LQESLPILQQPTEK					Mascot
2233.1421	2233.1262	-0.0159	-7	54	75	VAGLPLISSTYGMVSAAY TSTK			Oxidation (M)[13]		Mascot
2233.1421	2233.1262	-0.0159	-7	54	75	VAGLPLISSTYGMVSAAY TSTK			Oxidation (M)[13]		Mascot

5	mannose-6-phosphate receptor binding protein 1, isoform CRA_a [Mus musculus]	gi|148706211	Mascot	18109.1	6.29	5	185	100	1109902.5	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.4479	914.4514	0.0035	4	103	109	ENYPHVR	1	0			Mascot
914.4479	914.4514	0.0035	4	103	109	ENYPHVR					Mascot
1585.7969	1585.7975	0.0006	0	137	150	LEPQIATASEYAHR	86	100			Mascot
1585.7969	1585.7975	0.0006	0	137	150	LEPQIATASEYAHR					Mascot
1601.9109	1601.8252	-0.0857	-53	121	136	TLTTAAVSTAQPILSK					Mascot
1623.8953	1623.8878	-0.0075	-5	155	168	LQESLPILQQPTEK	60	99.961			Mascot
1623.8953	1623.8878	-0.0075	-5	155	168	LQESLPILQQPTEK					Mascot

2233.1421	2233.1262	-0.0159	-7	81	102	VAGLPLISSTYGMVSAAY TSTK	Oxidation (M)[13]	Mascot
2233.1421	2233.1262	-0.0159	-7	81	102	VAGLPLISSTYGMVSAAY TSTK	Oxidation (M)[13]	Mascot

Gel Idx/Pos	18/A8	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	5',3'-nucleotidase, cytosolic [Mus musculus]	gi|123258688	Mascot	22039.4	5.2	6	83	99.923	529224.75	95.42

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1007.4251	1007.4284	0.0033	3	107	114	YDHCVGEK			Carbamidomethyl (C)[4]		Mascot
1477.7434	1477.7378	-0.0056	-4	32	43	FPEEPHVPLEQR					Mascot
1477.7434	1477.7378	-0.0056	-4	32	43	FPEEPHVPLEQR					Mascot
1602.7911	1602.7802	-0.0109	-7	117	129	WVEQNLGPEFVER					Mascot
1633.8445	1633.8336	-0.0109	-7	31	43	RFPEEPHVPLEQR	41	96.891			Mascot
1633.8445	1633.8336	-0.0109	-7	32	44	FPEEPHVPLEQRR					Mascot
1992.0186	1992.0126	-0.006	-3	45	62	GFLANEQYGALRPDLAEK					Mascot
1992.0186	1992.0126	-0.006	-3	45	62	GFLANEQYGALRPDLAEK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Chain A, Crystal Structure Of D12n Variant Of Mouse Cytosolic 5'(3')- Deoxyribonucleotidase (Cdn) In Complex With Deoxyguanosine 5'-Monophosphate	gi|160877659	Mascot	23288.9	5.45	6	82	99.909	529224.75	95.42

Protein Group

5',3'-nucleotidase, cytosolic [Mus musculus]	gi|7657031	23289.9	5.3099999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1007.4251	1007.4284	0.0033	3	107	114	YDHCVGEK			Carbamidomethyl (C)[4]		Mascot
1477.7434	1477.7378	-0.0056	-4	32	43	FPEEPHVPLEQR					Mascot
1477.7434	1477.7378	-0.0056	-4	32	43	FPEEPHVPLEQR					Mascot
1602.7911	1602.7802	-0.0109	-7	117	129	WVEQNLGPEFVER					Mascot
1633.8445	1633.8336	-0.0109	-7	31	43	RFPEEPHVPLEQR	41	96.891			Mascot
1633.8445	1633.8336	-0.0109	-7	32	44	FPEEPHVPLEQRR					Mascot
1992.0186	1992.0126	-0.006	-3	45	62	GFLANEQYGALRPDLAEK					Mascot
1992.0186	1992.0126	-0.006	-3	45	62	GFLANEQYGALRPDLAEK					Mascot

3	mCG57148, isoform CRA_c [Mus musculus]	gi|148688406	Mascot	8713.3	9.45	4	34	0	529224.75	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
824.4261	824.4308	0.0047	6	62	68	SPEHLNK					Mascot
882.5043	882.5605	0.0562	64	49	56	LAHLTEAK					Mascot
882.5043	882.5605	0.0562	64	49	56	LAHLTEAK					Mascot
1491.7122	1491.7524	0.0402	27	1	13	PPRDMGHGPQDIR			Oxidation (M)[5]		Mascot
2225.1245	2225.1221	-0.0024	-1	36	56	GSQPPHVHSAGCKLAHLTEAK			Carbamidomethyl (C)[12]		Mascot

4	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	32	0	529224.75	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1406	0.0229	10	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1406	0.0229	10	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1592	0.0906	40	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.167	0.0171	7	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

5	PREDICTED: hypothetical protein [Mus musculus]	gi|149248875	Mascot	9462.7	10.25	4	31	0	529224.75	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5363	856.5278	-0.0085	-10	49	55	LQQLARK					Mascot
996.5585	996.5387	-0.0198	-20	56	63	VVHEKQTR					Mascot
1618.7344	1618.7823	0.0479	30	2	17	PAEVDATSGGPYSDPR					Mascot
2210.9983	2211.1101	0.1118	51	2	22	PAEVDATSGGPYSDPRTMTSR			Oxidation (M)[18]		Mascot

Gel Idx/Pos	5/A9	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	clathrin, light polypeptide A isoform d [Mus musculus]	gi|122939196	Mascot	23521.4	4.43	7	48	0	706062.5	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
893.4185	893.4328	0.0143	16	185	191	LCDFNPK			Carbamidomethyl (C)[2]		Mascot
988.5057	988.5112	0.0055	6	119	127	LEALDANSR					Mascot
1058.5477	1058.5586	0.0109	10	101	109	LQSEPESIR					Mascot
1095.5106	1095.5225	0.0119	11	140	147	ELEEWYAR					Mascot
1133.5334	1133.541	0.0076	7	111	118	WREEQTER					Mascot
1133.5334	1133.541	0.0076	7	111	118	WREEQTER					Mascot
1186.6427	1186.6477	0.005	4	101	110	LQSEPESIRK					Mascot
2352.0264	2352.0195	-0.0069	-3	161	181	AAEEAFVNDIDESSPGTEWER					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	clathrin, light polypeptide A isoform a [Mus musculus]	gi|122939192	Mascot	23675.4	4.43	7	48	0	706062.5	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
893.4185	893.4328	0.0143	16	187	193	LCDFNPK			Carbamidomethyl (C)[2]		Mascot
988.5057	988.5112	0.0055	6	121	129	LEALDANSR					Mascot
1058.5477	1058.5586	0.0109	10	103	111	LQSEPESIR					Mascot
1095.5106	1095.5225	0.0119	11	142	149	ELEEWYAR					Mascot
1133.5334	1133.541	0.0076	7	113	120	WREEQTER					Mascot
1133.5334	1133.541	0.0076	7	113	120	WREEQTER					Mascot
1186.6427	1186.6477	0.005	4	103	112	LQSEPESIRK					Mascot
2352.0264	2352.0195	-0.0069	-3	163	183	AAEEAFVNDIDESSPGTEWER					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	F-box protein 28, isoform CRA_a [Mus musculus]	gi|148681161	Mascot	20030.6	10.04	5	38	0	706062.5	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	988.5422	988.5112	-0.031	-31	97	104	TKVQEQQK								Mascot
	1186.6176	1186.6477	0.0301	25	64	73	QNPSRQEVTK								Mascot
	2239.0144	2239.1362	0.1218	54	136	157	EVMESAVGTSSGSGQSE ESPRK								Mascot
	2239.0144	2239.1362	0.1218	54	136	157	EVMESAVGTSSGSGQSE ESPRK								Mascot
	2246.156	2246.2085	0.0525	23	42	63	LMGSPPVPGPSAALTTM QLFSK					Oxidation (M)[2]			Mascot
	2261.1079	2261.1221	0.0142	6	12	30	DISSMAMEYFDEKIVPILK					Oxidation (M)[5,7]			Mascot

4	clathrin, light polypeptide (Lca), isoform CRA_a [Mus musculus]	gi|148670486	Mascot	13706.6	4.98	5	37	0	706062.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
988.5057	988.5112	0.0055	6	43	51	LEALDANSR					Mascot
1058.5477	1058.5586	0.0109	10	25	33	LQSEPESIR					Mascot
1095.5106	1095.5225	0.0119	11	64	71	ELEEWYAR					Mascot
1133.5334	1133.541	0.0076	7	35	42	WREEQTER					Mascot
1133.5334	1133.541	0.0076	7	35	42	WREEQTER					Mascot
1186.6427	1186.6477	0.005	4	25	34	LQSEPESIRK					Mascot

5	Ig heavy chain V region [Mus musculus]	gi|2606043	Mascot	4777.6	10.17	4	36	0	706062.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.6027	1106.5554	-0.0473	-43	7	15	LKYTSMHVK					Mascot
1123.5994	1123.5342	-0.0652	-58	34	43	STLVKPSTYQ					Mascot
1133.5546	1133.541	-0.0136	-12	19	29	EIGRDNSGGTK					Mascot
1133.5546	1133.541	-0.0136	-12	19	29	EIGRDNSGGTK					Mascot
1149.5834	1149.5352	-0.0482	-42	9	18	YTSMHVKAGR					Mascot
1165.5782	1165.5322	-0.046	-39	9	18	YTSMHVKAGR			Oxidation (M)[4]		Mascot

Gel Idx/Pos	19/A10	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26348535	Mascot	14424.2	5.86	4	34	0	486949.12	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1446.7522	1446.689	-0.0632	-44	52	64	EPLEMARPPGPPR					Mascot
1963.0284	1962.9208	-0.1076	-55	11	29	SPPYEGKVGSGLLADFLGR					Mascot
2233.0483	2233.0881	0.0398	18	118	138	SGFLGPMAEPHPEDTFTVTSL					Mascot
2261.1594	2261.1074	-0.052	-23	30	51	TEAVCLSAPHLASPPATPKADK			Carbamidomethyl (C)[5]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	486949.12	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1362	0.0185	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1362	0.0185	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1594	0.0908	40	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1772	0.0273	12	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	TANK-binding kinase 1 [Mus musculus]	gi|31981041	Mascot	83958.7	6.4	9	32	0	486949.12	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
824.4373	824.4268	-0.0105	-13	128	134	ENGIVHR					Mascot
840.4727	840.4978	0.0251	30	366	372	LAQHFPK					Mascot
886.5396	886.4861	-0.0535	-60	445	451	WLVELVK					Mascot
892.5138	892.5286	0.0148	17	55	61	EFEVLKK					Mascot
1120.4906	1120.5505	0.0599	53	452	460	DDYNETVHK					Mascot
2211.1689	2211.1047	-0.0642	-29	485	504	LMKVNLEAAELGEISDIHTK					Mascot
2221.2188	2221.1226	-0.0962	-43	488	507	VNLEAAELGEISDIHTKLL					Mascot

							R								
	2239.1023	2239.1362	0.0339	15	695	713	EEMEGVVKELAENNHILE R								Mascot
	2239.1023	2239.1362	0.0339	15	695	713	EEMEGVVKELAENNHILE R								Mascot
	2255.0859	2255.0789	-0.007	-3	628	646	KQLSSLTNQCFDIEEEVS K				Carbamidomethyl (C)[10]				Mascot
4	hairy and enhancer of split 6 [Mus musculus]				gi|9506777		Mascot	24610.4	5.19	3	30	0	486949.12	0	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5112	856.5284	0.0172	20	74	81	VQGALRGR					Mascot
1941.0288	1940.9363	-0.0925	-48	196	215	VPAEGPDLVSTSLGSLTA AR	14	0			Mascot
1941.0288	1940.9363	-0.0925	-48	196	215	VPAEGPDLVSTSLGSLTA AR					Mascot
2225.25	2225.1179	-0.1321	-59	41	60	INESLQELRLLLAGTEVQ AK					Mascot
5	unnamed protein product [Mus musculus]				gi|74143782		Mascot	75674.7	6.57	6	26	0	486949.12		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4975	0.0248	29	550	556	FFSHKAK					Mascot
2211.2231	2211.1047	-0.1184	-54	410	429	ELEATLRTQSLLLEAIPEG K					Mascot
2239.1282	2239.1362	0.008	4	473	492	ESPPEVFIEGIFQPSYKS GK					Mascot
2239.1765	2239.1362	-0.0403	-18	362	380	FTRCLKPPLDLNQLSHGS R			Carbamidomethyl (C)[4]		Mascot
2246.1187	2246.2056	0.0869	39	181	199	ATEVEWILSLSEEENELV R					Mascot
3353.5632	3353.7695	0.2063	62	623	652	CESAGTSQVTTLPLPTLF GNNHMKMEVACK			Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]		Mascot

Gel Idx/Pos	6/A11	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12846904	Mascot	32954.5	4.85	11	416	100	1032779.75	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR	10	0			Mascot
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR					Mascot
1135.6357	1135.6361	0.0004	0	43	52	SDGIYIINLK					Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR	65	99.989			Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR					Mascot
1263.7307	1263.7301	-0.0006	0	42	52	KSDGIYIINLK					Mascot
1306.646	1306.6444	-0.0016	-1	156	166	YVDIAIPCNNK	43	97.874	Carbamidomethyl (C)[8]		Mascot
1306.646	1306.6444	-0.0016	-1	156	166	YVDIAIPCNNK			Carbamidomethyl (C)[8]		Mascot
1630.7981	1630.8037	0.0056	3	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8]		Mascot
1646.7931	1646.7955	0.0024	1	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8,11]		Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR	88	100			Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR					Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR	109	100			Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR					Mascot
1897.8578	1897.8643	0.0065	3	192	205	EHPWEVMPDLYFYR			Oxidation (M)[7]		Mascot
2996.4783	2996.4536	-0.0247	-8	129	155	ADHQPLTEASYVNLPTIALCNTDSPLR	7	0	Carbamidomethyl (C)[20]		Mascot
2996.4783	2996.4536	-0.0247	-8	129	155	ADHQPLTEASYVNLPTIALCNTDSPLR			Carbamidomethyl (C)[20]		Mascot
3353.6511	3353.6997	0.0486	14	12	40	EEDVLKFLAAGTHLGGTHLDFQMEQYIYK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	ribosomal protein SA [Mus musculus]	gi|31560560	Mascot	33007.5	4.8	11	415	100	1032779.75	100

Protein Group

PREDICTED: hypothetical protein [Mus musculus]	gi|149251929	32931.5	4.8600001335144
Ribosomal protein SA [Mus musculus]	gi|62024907	32935.5	4.8000001907 3486
hypothetical protein LOC100037080 [Xenopus laevis]	gi|148237408	32931.5	4.8000

				001907 3486
laminin receptor [Mus musculus]	gi|171948782	32943.5	4.8000	001907 3486
protein 40kD	gi|226005	32846.4	4.8000	001907 3486

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR	10	0			Mascot
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR					Mascot
1135.6357	1135.6361	0.0004	0	43	52	SDGIYIINLK					Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR	65	99.989			Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR					Mascot
1263.7307	1263.7301	-0.0006	0	42	52	KSDGIYIINLK					Mascot
1306.646	1306.6444	-0.0016	-1	156	166	YVDIAIPCNNK	43	97.874	Carbamidomethyl (C)[8]		Mascot
1306.646	1306.6444	-0.0016	-1	156	166	YVDIAIPCNNK			Carbamidomethyl (C)[8]		Mascot
1630.7981	1630.8037	0.0056	3	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8]		Mascot
1646.7931	1646.7955	0.0024	1	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8,11]		Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR	88	100			Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR					Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR	109	100			Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR					Mascot
1897.8578	1897.8643	0.0065	3	192	205	EHPWEVMPDLYFYR			Oxidation (M)[7]		Mascot
2633.2705	2633.26	-0.0105	-4	18	40	FLAAGTHLGGTNLDFQM EQYIYK			Oxidation (M)[17]		Mascot
2633.2705	2633.26	-0.0105	-4	18	40	FLAAGTHLGGTNLDFQM EQYIYK			Oxidation (M)[17]		Mascot
2996.4783	2996.4536	-0.0247	-8	129	155	ADHQPLTEASYVNLPTIA LCNTDSPLR	7	0	Carbamidomethyl (C)[20]		Mascot
2996.4783	2996.4536	-0.0247	-8	129	155	ADHQPLTEASYVNLPTIA LCNTDSPLR			Carbamidomethyl (C)[20]		Mascot

3	PREDICTED: hypothetical protein [Mus musculus]	gi|51770420	Mascot	29011.7	5.24	10	355	100	1032779.75	100			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1135.6357	1135.6361	0.0004	0	43	52	SDGIYIINLK					Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR	65	99.989			Mascot

	1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR								Mascot
	1263.7307	1263.7301	-0.0006	0	42	52	KSDGIYIINLK								Mascot
	1322.6774	1322.6268	-0.0506	-38	156	166	YVDIAILCNNK								Mascot
	1630.7981	1630.8037	0.0056	3	167	180	GAHSVGLMWWMLAR								Mascot
	1646.7931	1646.7955	0.0024	1	167	180	GAHSVGLMWWMLAR								Mascot
	1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR								Mascot
	1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR								Mascot
	1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR								Mascot
	1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR								Mascot
	1897.8578	1897.8643	0.0065	3	192	205	EHPWEVMPDLYFYR								Mascot
	2633.2705	2633.26	-0.0105	-4	18	40	FLAAGTHLGGTNLDFQM EQYIYK								Mascot
	2633.2705	2633.26	-0.0105	-4	18	40	FLAAGTHLGGTNLDFQM EQYIYK								Mascot
	2996.4783	2996.4536	-0.0247	-8	129	155	ADHQPLTEASYVNLPTIA LCNTDSPLR								Mascot
	2996.4783	2996.4536	-0.0247	-8	129	155	ADHQPLTEASYVNLPTIA LCNTDSPLR								Mascot
4	PREDICTED: hypothetical protein [Mus musculus]						gi|51766344	Mascot	32925.2	4.65	9	339	100	1032779.75	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR	10	0			Mascot
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR					Mascot
1135.6357	1135.6361	0.0004	0	43	52	SDGIYIINLK					Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR	65	99.989			Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR					Mascot
1263.7307	1263.7301	-0.0006	0	42	52	KSDGIYIINLK					Mascot
1630.7981	1630.8037	0.0056	3	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8]		Mascot
1646.7931	1646.7955	0.0024	1	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8,11]		Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR	88	100			Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR					Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR	109	100			Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR					Mascot
1897.8578	1897.8643	0.0065	3	192	205	EHPWEVMPDLYFYR			Oxidation (M)[7]		Mascot
2633.2705	2633.26	-0.0105	-4	18	40	FLAAGTHLGGTNLDFQM EQYIYK			Oxidation (M)[17]		Mascot
2633.2705	2633.26	-0.0105	-4	18	40	FLAAGTHLGGTNLDFQM EQYIYK			Oxidation (M)[17]		Mascot

5	laminin receptor	gi|293694	Mascot	32812.4	4.74	8	327	100	1032779.75	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR	10	0			Mascot
912.5513	912.5519	0.0006	1	121	128	LLVVTDPR					Mascot
1135.6357	1135.6361	0.0004	0	43	52	SDGIYIINLK					Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR	65	99.989			Mascot
1203.6481	1203.6545	0.0064	5	90	102	FAAATGATPIAGR					Mascot
1263.7307	1263.7301	-0.0006	0	42	52	KSDGIYIINLK					Mascot
1630.7981	1630.8037	0.0056	3	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8]		Mascot
1646.7931	1646.7955	0.0024	1	167	180	GAHSVGLMWWMLAR			Oxidation (M)[8,11]		Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR	88	100			Mascot
1698.8599	1698.8683	0.0084	5	103	117	FTPGTFTNQIQAAFR					Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR	109	100			Mascot
1740.9491	1740.9559	0.0068	4	64	80	AIVAIENPADVSVISSR					Mascot
1897.8578	1897.8643	0.0065	3	192	205	EHPWEVMPDLYFYR			Oxidation (M)[7]		Mascot

Gel Idx/Pos	20/A12	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	ribosomal protein, large P2 [Mus musculus]	gi|83745120	Mascot	11643.8	4.42	8	304	100	444233.47	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
859.4883	859.4911	0.0028	3	42	49	VISELNGK					Mascot
1242.6688	1242.6616	-0.0072	-6	50	61	NIEDVIAQGVGK	31	70.733			Mascot
1242.6688	1242.6616	-0.0072	-6	50	61	NIEDVIAQGVGK					Mascot
1417.6805	1417.6868	0.0063	4	26	38	ILDSVGIEADDDR					Mascot
1772.9025	1772.9012	-0.0013	-1	26	41	ILDSVGIEADDDRLNK	29	49.722			Mascot
1772.9025	1772.9012	-0.0013	-1	26	41	ILDSVGIEADDDRLNK					Mascot
1868.9752	1868.9696	-0.0056	-3	3	21	YVASYLLAALGGNSSPSAK					Mascot
2225.1812	2225.1208	-0.0604	-27	3	24	YVASYLLAALGGNSSPSAKDIK					Mascot
2774.4319	2774.4463	0.0144	5	62	94	LASVPAGGAVAVSAAPGSAAPAAGSAPAAAEEK	148	100			Mascot
2774.4319	2774.4463	0.0144	5	62	94	LASVPAGGAVAVSAAPGSAAPAAGSAPAAAEEK					Mascot
2902.5269	2902.5425	0.0156	5	62	95	LASVPAGGAVAVSAAPGSAAPAAGSAPAAAEEKK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	PREDICTED: similar to LOC665931 protein isoform 1 [Mus musculus]	gi|149263166	Mascot	11585.8	4.49	6	247	100	444233.47	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
859.4883	859.4911	0.0028	3	42	49	VISELNGK					Mascot
1242.6688	1242.6616	-0.0072	-6	50	61	NIEDVIAQGVGK	31	70.733			Mascot
1242.6688	1242.6616	-0.0072	-6	50	61	NIEDVIAQGVGK					Mascot
1868.9752	1868.9696	-0.0056	-3	3	21	YVASYLLAALGGNSSPSAK					Mascot
2225.1812	2225.1208	-0.0604	-27	3	24	YVASYLLAALGGNSSPSAKDIK					Mascot
2774.4319	2774.4463	0.0144	5	62	94	LASVPAGGAVAVSAAPGSAAPAAGSAPAAAEEK	148	100			Mascot
2774.4319	2774.4463	0.0144	5	62	94	LASVPAGGAVAVSAAPGSAAPAAGSAPAAAEEK					Mascot
2902.5269	2902.5425	0.0156	5	62	95	LASVPAGGAVAVSAAPG					Mascot

SAAPAAGSAPAAAEEKK

3	ribosomal protein, large P2, isoform CRA_b [Mus musculus]	gi|148686139	Mascot	8124.2	8.67	4	72	99.047	444233.47	49.722	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1417.6805	1417.6868	0.0063	4	26	38	ILDSVGIEADDDR					Mascot
1772.9025	1772.9012	-0.0013	-1	26	41	ILDSVGIEADDDRLNK	29	49.722			Mascot
1772.9025	1772.9012	-0.0013	-1	26	41	ILDSVGIEADDDRLNK					Mascot
1868.9752	1868.9696	-0.0056	-3	3	21	YVASYLLAALGGNSSPSAK					Mascot
2225.1812	2225.1208	-0.0604	-27	3	24	YVASYLLAALGGNSSPSAKDIK					Mascot

4	unnamed protein product [Mus musculus]	gi|12849327	Mascot	11728.9	4.42	3	50	0	444233.47	49.722	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
859.4883	859.4911	0.0028	3	42	49	VISELNGK					Mascot
1417.6805	1417.6868	0.0063	4	26	38	ILDSVGIEADDDR					Mascot
1772.9025	1772.9012	-0.0013	-1	26	41	ILDSVGIEADDDRLNK	29	49.722			Mascot
1772.9025	1772.9012	-0.0013	-1	26	41	ILDSVGIEADDDRLNK					Mascot

5	arginine decarboxylase [Mus musculus]	gi|123248044	Mascot	25373.9	5.99	5	35	0	444233.47		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
901.5002	901.5057	0.0055	6	42	49	YAAKHGVR					Mascot
901.5002	901.5057	0.0055	6	42	49	YAAKHGVR					Mascot
1025.5197	1025.5052	-0.0145	-14	90	98	FGASLKSCR			Carbamidomethyl (C)[8]		Mascot
2211.1008	2211.1033	0.0025	1	71	89	MVLCIATQDSHSLNHLSLR			Carbamidomethyl (C)[4], Oxidation (M)[1]		Mascot
2796.4084	2796.4253	0.0169	6	1	27	EELTLGASQATSAEMELVQHIGVPASK					Mascot
2796.4084	2796.4253	0.0169	6	1	27	EELTLGASQATSAEMELVQHIGVPASK					Mascot
2818.4087	2818.4045	-0.0042	-1	65	89	SHPSAKMVLCIATQDSHSLNHLSLR			Carbamidomethyl (C)[10], Oxidation (M)[7]		Mascot

Gel Idx/Pos	7/A13	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	peroxiredoxin 2 [Mus musculus]	gi|148747558	Mascot	21936.1	5.2	7	285	100	602698.56	100

Protein Group

type II peroxiredoxin 1 [Mus musculus]	gi|3603241	21949.1	5.1999998092 6514
unnamed protein product [Mus musculus]	gi|12846252	21968.1	5.1999998092 6514

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
876.5189	876.5242	0.0053	6	128	135	GLFIIDAK	6	0			Mascot
876.5189	876.5242	0.0053	6	128	135	GLFIIDAK					Mascot
937.4373	937.4432	0.0059	6	120	127	NDEGIAYR	11	0			Mascot
937.4373	937.4432	0.0059	6	120	127	NDEGIAYR					Mascot
1108.5997	1108.5944	-0.0053	-5	110	119	SLSQNYGVLK	35	88.826			Mascot
1108.5997	1108.5944	-0.0053	-5	110	119	SLSQNYGVLK					Mascot
1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR	61	99.966			Mascot
1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR					Mascot
1596.7905	1596.7819	-0.0086	-5	11	26	SAPDFTATAVVDGAFK	105	100			Mascot
1596.7905	1596.7819	-0.0086	-5	11	26	SAPDFTATAVVDGAFK					Mascot
1706.9688	1706.9525	-0.0163	-10	93	109	EGGLGPLNIPLLADVTK					Mascot
1835.0637	1835.0559	-0.0078	-4	92	109	KEGGLGPLNIPLLADVTK	12	0			Mascot
1835.0637	1835.0559	-0.0078	-4	92	109	KEGGLGPLNIPLLADVTK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Prdx2 protein [Mus musculus]	gi|56541226	Mascot	21948.2	5.2	5	250	100	602698.56	100

Protein Group

peroxidase	gi|885932	21963.1	5.1999998092 6514

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	876.5189	876.5242	0.0053	6	128	135	GLFIIDAK		6	0						Mascot
	876.5189	876.5242	0.0053	6	128	135	GLFIIDAK									Mascot
	937.4373	937.4432	0.0059	6	120	127	NDEGIAYR		11	0						Mascot
	937.4373	937.4432	0.0059	6	120	127	NDEGIAYR									Mascot
	1108.5997	1108.5944	-0.0053	-5	110	119	SLSQNYGVLK		35	88.826						Mascot
	1108.5997	1108.5944	-0.0053	-5	110	119	SLSQNYGVLK									Mascot
	1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR		61	99.966						Mascot
	1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR									Mascot
	1596.7905	1596.7819	-0.0086	-5	11	26	SAPDFTATAVVDGAFK		105	100						Mascot
	1596.7905	1596.7819	-0.0086	-5	11	26	SAPDFTATAVVDGAFK									Mascot

3	unnamed protein product [Mus musculus]	gi|12837636	Mascot	22005.1	5.19	4	204	100	602698.56	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR	61	99.966			Mascot
1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR					Mascot
1596.7905	1596.7819	-0.0086	-5	11	26	SAPDFTATAVVDGAFK	105	100			Mascot
1596.7905	1596.7819	-0.0086	-5	11	26	SAPDFTATAVVDGAFK					Mascot
1706.9688	1706.9525	-0.0163	-10	93	109	EGGLGPLNIPLLADVTK					Mascot
1835.0637	1835.0559	-0.0078	-4	92	109	KEGGLGPLNIPLLADVTK	12	0			Mascot
1835.0637	1835.0559	-0.0078	-4	92	109	KEGGLGPLNIPLLADVTK					Mascot

4	mCG128264 [Mus musculus]	gi|148707940	Mascot	22005.2	5.84	6	168	100	602698.56	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
876.5189	876.5242	0.0053	6	128	135	GLFIIDAK	6	0			Mascot
876.5189	876.5242	0.0053	6	128	135	GLFIIDAK					Mascot
937.4373	937.4432	0.0059	6	120	127	NDEGIAYR	11	0			Mascot
937.4373	937.4432	0.0059	6	120	127	NDEGIAYR					Mascot
1108.5997	1108.5944	-0.0053	-5	110	119	SLSQNYGVLK	35	88.826			Mascot
1108.5997	1108.5944	-0.0053	-5	110	119	SLSQNYGVLK					Mascot
1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR	61	99.966			Mascot
1211.6743	1211.6743	0	0	140	150	QITVNDLPVGR					Mascot
1706.9688	1706.9525	-0.0163	-10	93	109	EGGLGPLNIPLLADVTK					Mascot

	1835.0637	1835.0559	-0.0078	-4	92	109	KEGGLGPLNIPLLADVTK		12	0					Mascot
	1835.0637	1835.0559	-0.0078	-4	92	109	KEGGLGPLNIPLLADVTK								Mascot
5	unnamed protein product [Mus musculus]				gi|26344788		Mascot	84857.3	6.07	11	40	0	602698.56		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
876.5203	876.5242	0.0039	4	684	689	FIVWRR					Mascot
876.5203	876.5242	0.0039	4	684	689	FIVWRR					Mascot
951.4894	951.4622	-0.0272	-29	603	610	TASLFEQR					Mascot
1106.5114	1106.5438	0.0324	29	485	494	GWISGSEENK					Mascot
1108.6085	1108.5944	-0.0141	-13	681	688	TMRFIVWR					Mascot
1108.6085	1108.5944	-0.0141	-13	681	688	TMRFIVWR					Mascot
1113.5146	1113.5536	0.039	35	66	74	FRCDPYAGK			Carbamidomethyl (C)[3]		Mascot
1331.7279	1331.6998	-0.0281	-21	32	42	EELYMPPLVIK					Mascot
1618.7919	1618.7709	-0.021	-13	297	310	DEKVGETTIDLENR					Mascot
1618.7919	1618.7709	-0.021	-13	297	310	DEKVGETTIDLENR					Mascot
1706.9589	1706.9525	-0.0064	-4	545	558	VPPRLIIQIWDNDK					Mascot
1834.9402	1835.0559	0.1157	63	627	642	VMAGKVEMTLEVLNER			Oxidation (M)[2]		Mascot
1834.9402	1835.0559	0.1157	63	627	642	VMAGKVEMTLEVLNER			Oxidation (M)[2]		Mascot
1941.0125	1940.9331	-0.0794	-41	52	67	KPVVGQCTIDHLDRFR			Carbamidomethyl (C)[7]		Mascot
1941.0125	1940.9331	-0.0794	-41	52	67	KPVVGQCTIDHLDRFR			Carbamidomethyl (C)[7]		Mascot
2255.1567	2255.0808	-0.0759	-34	252	270	VIEDRDHYIPNTLNPVFG R					Mascot

Gel Idx/Pos	21/A14	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG18710, isoform CRA_b [Mus musculus]	gi|148710309	Mascot	27212.9	9.65	7	96	99.996	442655.81	99.974

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.4029	903.4047	0.0018	2	130	136	MYSYPAR			Oxidation (M)[1]		Mascot
903.4029	903.4047	0.0018	2	130	136	MYSYPAR			Oxidation (M)[1]		Mascot
943.5723	943.5728	0.0005	1	137	145	VPPPPPIAR	35	89.72			Mascot
943.5723	943.5728	0.0005	1	137	145	VPPPPPIAR					Mascot
987.5469	987.5498	0.0029	3	185	193	GDDLQAIKK					Mascot
1316.7937	1316.7849	-0.0088	-7	25	36	VFIGNLNTLVVK	19	0			Mascot
1316.7937	1316.7849	-0.0088	-7	25	36	VFIGNLNTLVVK					Mascot
1329.6587	1329.6631	0.0044	3	58	68	GFAFVQYVNER	7	0			Mascot
1329.6587	1329.6631	0.0044	3	58	68	GFAFVQYVNER					Mascot
1343.6842	1343.6703	-0.0139	-10	38	49	SDVEAIFSKYGK					Mascot
1343.6842	1343.6703	-0.0139	-10	38	49	SDVEAIFSKYGK					Mascot
1698.9095	1698.895	-0.0145	-9	81	96	MIAGQVLDINLAAEPK			Oxidation (M)[1]		Mascot
1698.9095	1698.895	-0.0145	-9	81	96	MIAGQVLDINLAAEPK			Oxidation (M)[1]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mCG18710, isoform CRA_c [Mus musculus]	gi|148710310	Mascot	27658.1	9.53	7	95	99.996	442655.81	99.974

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.4029	903.4047	0.0018	2	130	136	MYSYPAR			Oxidation (M)[1]		Mascot
903.4029	903.4047	0.0018	2	130	136	MYSYPAR			Oxidation (M)[1]		Mascot
943.5723	943.5728	0.0005	1	137	145	VPPPPPIAR	35	89.72			Mascot
943.5723	943.5728	0.0005	1	137	145	VPPPPPIAR					Mascot
987.5469	987.5498	0.0029	3	185	193	GDDLQAIKK					Mascot
1316.7937	1316.7849	-0.0088	-7	25	36	VFIGNLNTLVVK	19	0			Mascot
1316.7937	1316.7849	-0.0088	-7	25	36	VFIGNLNTLVVK					Mascot
1329.6587	1329.6631	0.0044	3	58	68	GFAFVQYVNER	7	0			Mascot

1329.6587	1329.6631	0.0044	3	58	68	GFAFVQYVNER									Mascot
1343.6842	1343.6703	-0.0139	-10	38	49	SDVEAIFSKYGK									Mascot
1343.6842	1343.6703	-0.0139	-10	38	49	SDVEAIFSKYGK									Mascot
1698.9095	1698.895	-0.0145	-9	81	96	MIAGQVLDINLAAEPK				Oxidation (M)[1]					Mascot
1698.9095	1698.895	-0.0145	-9	81	96	MIAGQVLDINLAAEPK				Oxidation (M)[1]					Mascot

3	unnamed protein product [Mus musculus]	gi|12860377	Mascot	32359.9	4.95	7	91	99.99	442655.81	99.974				

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.4029	903.4047	0.0018	2	123	129	MYSYPAR			Oxidation (M)[1]		Mascot
903.4029	903.4047	0.0018	2	123	129	MYSYPAR			Oxidation (M)[1]		Mascot
943.5723	943.5728	0.0005	1	130	138	VPPPPPIAR	35	89.72			Mascot
943.5723	943.5728	0.0005	1	130	138	VPPPPPIAR					Mascot
987.5469	987.5498	0.0029	3	178	186	GDDLQAIKK					Mascot
1316.7937	1316.7849	-0.0088	-7	18	29	VFIGNLNTLVVK	19	0			Mascot
1316.7937	1316.7849	-0.0088	-7	18	29	VFIGNLNTLVVK					Mascot
1329.6587	1329.6631	0.0044	3	51	61	GFAFVQYVNER	7	0			Mascot
1329.6587	1329.6631	0.0044	3	51	61	GFAFVQYVNER					Mascot
1343.6842	1343.6703	-0.0139	-10	31	42	SDVEAIFSKYGK					Mascot
1343.6842	1343.6703	-0.0139	-10	31	42	SDVEAIFSKYGK					Mascot
1698.9095	1698.895	-0.0145	-9	74	89	MIAGQVLDINLAAEPK			Oxidation (M)[1]		Mascot
1698.9095	1698.895	-0.0145	-9	74	89	MIAGQVLDINLAAEPK			Oxidation (M)[1]		Mascot

4	Hnrpc protein [Mus musculus]	gi|13435678	Mascot	32256.9	5.01	7	91	99.988	442655.81	99.974				

Protein Group

unnamed protein product [Mus musculus]	gi|12847394	33093.2	4.9099998474121	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.4029	903.4047	0.0018	2	123	129	MYSYPAR			Oxidation (M)[1]		Mascot
903.4029	903.4047	0.0018	2	123	129	MYSYPAR			Oxidation (M)[1]		Mascot
943.5723	943.5728	0.0005	1	130	138	VPPPPPIAR	35	89.72			Mascot
943.5723	943.5728	0.0005	1	130	138	VPPPPPIAR					Mascot
987.5469	987.5498	0.0029	3	178	186	GDDLQAIKK					Mascot

	1316.7937	1316.7849	-0.0088	-7	18	29	VFIGNLNTLVVK		19	0						Mascot
	1316.7937	1316.7849	-0.0088	-7	18	29	VFIGNLNTLVVK									Mascot
	1329.6587	1329.6631	0.0044	3	51	61	GFAFVQYVNER		7	0						Mascot
	1329.6587	1329.6631	0.0044	3	51	61	GFAFVQYVNER									Mascot
	1343.6842	1343.6703	-0.0139	-10	31	42	SDVEAIFSKYGK									Mascot
	1343.6842	1343.6703	-0.0139	-10	31	42	SDVEAIFSKYGK									Mascot
	1698.9095	1698.895	-0.0145	-9	74	89	MIAGQVLDINLAAEPK				Oxidation (M)[1]					Mascot
	1698.9095	1698.895	-0.0145	-9	74	89	MIAGQVLDINLAAEPK				Oxidation (M)[1]					Mascot
5	unnamed protein product [Mus musculus]					gi|26353738		Mascot	33687.6	4.96	7	90	99.987	442655.81	99.974	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
903.4029	903.4047	0.0018	2	136	142	MYSYPAR			Oxidation (M)[1]		Mascot
903.4029	903.4047	0.0018	2	136	142	MYSYPAR			Oxidation (M)[1]		Mascot
943.5723	943.5728	0.0005	1	143	151	VPPPPPIAR	35	89.72			Mascot
943.5723	943.5728	0.0005	1	143	151	VPPPPPIAR					Mascot
987.5469	987.5498	0.0029	3	191	199	GDDLQAIKK					Mascot
1316.7937	1316.7849	-0.0088	-7	18	29	VFIGNLNTLVVK	19	0			Mascot
1316.7937	1316.7849	-0.0088	-7	18	29	VFIGNLNTLVVK					Mascot
1329.6587	1329.6631	0.0044	3	51	61	GFAFVQYVNER	7	0			Mascot
1329.6587	1329.6631	0.0044	3	51	61	GFAFVQYVNER					Mascot
1343.6842	1343.6703	-0.0139	-10	31	42	SDVEAIFSKYGK					Mascot
1343.6842	1343.6703	-0.0139	-10	31	42	SDVEAIFSKYGK					Mascot
1698.9095	1698.895	-0.0145	-9	74	89	MIAGQVLDINLAAEPK			Oxidation (M)[1]		Mascot
1698.9095	1698.895	-0.0145	-9	74	89	MIAGQVLDINLAAEPK			Oxidation (M)[1]		Mascot

Gel Idx/Pos	8/A15	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	potassium channel tetramerization domain containing 12 [Mus musculus]	gi|123701966	Mascot	36150.9	5.63	15	467	100	887918.12	100

Protein Group

BTB/POZ domain-containing protein KCTD12 (Pfetin) (Predominantly fetal expressed T1 domain)	gi|50400892	36154.9	5.6300 001144 4092	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
955.5247	955.5277	0.003	3	91	97	YILDYLR	44	98.045			Mascot
955.5247	955.5277	0.003	3	91	97	YILDYLR					Mascot
981.4748	981.4787	0.0039	4	260	267	DPDRPPER					Mascot
1029.5364	1029.5399	0.0035	3	209	217	SGYITIGYR					Mascot
1029.5364	1029.5399	0.0035	3	209	217	SGYITIGYR					Mascot
1185.6376	1185.6367	-0.0009	-1	208	217	RSGYITIGYR					Mascot
1258.6104	1258.6047	-0.0057	-5	276	285	FNFLEQAFDK	53	99.743			Mascot
1258.6104	1258.6047	-0.0057	-5	276	285	FNFLEQAFDK					Mascot
1266.5961	1266.5959	-0.0002	0	249	259	EVFGDTLNESR					Mascot
1476.7264	1476.7301	0.0037	3	63	74	MFTQQQPQELAR					Mascot
1492.7213	1492.7167	-0.0046	-3	63	74	MFTQQQPQELAR			Oxidation (M)[1]		Mascot
1494.7474	1494.734	-0.0134	-9	116	127	EAEYFELPELVR	43	97.572			Mascot
1494.7474	1494.734	-0.0134	-9	116	127	EAEYFELPELVR					Mascot
1531.7938	1531.7601	-0.0337	-22	50	62	CTVVSVPDSLLWR			Carbamidomethyl (C)[1]		Mascot
1604.8319	1604.8315	-0.0004	0	98	110	DLQLVLPDYFPER	56	99.892			Mascot
1604.8319	1604.8315	-0.0004	0	98	110	DLQLVLPDYFPER					Mascot
1689.8821	1689.8805	-0.0016	-1	129	145	LGAPQQPGPGPPPPHSR	63	99.976			Mascot
1689.8821	1689.8805	-0.0016	-1	129	145	LGAPQQPGPGPPPPHSR					Mascot
1845.9832	1845.979	-0.0042	-2	128	145	RLGAPQQPGPGPPPPHSR					Mascot
1845.9832	1845.979	-0.0042	-2	129	146	LGAPQQPGPGPPPPHSRR					Mascot
1954.9829	1954.9811	-0.0018	-1	187	207	SPSGGAAGPLLTPSQSLDGSR	74	99.998			Mascot
1954.9829	1954.9811	-0.0018	-1	187	207	SPSGGAAGPLLTPSQSL					Mascot

							DGSR								
	2229.053	2229.0735	0.0205	9	249	267	EVFGDTLNESRDPDRPP ER								Mascot
2	mKIAA1778 protein [Mus musculus]				gi|50511105		Mascot	25175.4	5.77	12	345	100	887918.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
981.4748	981.4787	0.0039	4	160	167	DPDRPPER					Mascot
1029.5364	1029.5399	0.0035	3	109	117	SGYITIGYR					Mascot
1029.5364	1029.5399	0.0035	3	109	117	SGYITIGYR					Mascot
1185.6376	1185.6367	-0.0009	-1	108	117	RSGYITIGYR					Mascot
1248.6624	1248.5869	-0.0755	-60	1	10	LVLPDYFPER					Mascot
1258.6104	1258.6047	-0.0057	-5	176	185	FNFLEQAFDK	53	99.743			Mascot
1258.6104	1258.6047	-0.0057	-5	176	185	FNFLEQAFDK					Mascot
1266.5961	1266.5959	-0.0002	0	149	159	EVFGDTLNESR					Mascot
1494.7474	1494.734	-0.0134	-9	16	27	EAEYFELPELVR	43	97.572			Mascot
1494.7474	1494.734	-0.0134	-9	16	27	EAEYFELPELVR					Mascot
1689.8821	1689.8805	-0.0016	-1	29	45	LGAPQQPGPGPPPPHSR	63	99.976			Mascot
1689.8821	1689.8805	-0.0016	-1	29	45	LGAPQQPGPGPPPPHSR					Mascot
1845.9832	1845.979	-0.0042	-2	28	45	RLGAPQQPGPGPPPPHS R					Mascot
1845.9832	1845.979	-0.0042	-2	29	46	LGAPQQPGPGPPPPHSR R					Mascot
1954.9829	1954.9811	-0.0018	-1	87	107	SPSGGAAGPLLTPSQSL DGSR	74	99.998			Mascot
1954.9829	1954.9811	-0.0018	-1	87	107	SPSGGAAGPLLTPSQSL DGSR					Mascot
2229.053	2229.0735	0.0205	9	149	167	EVFGDTLNESRDPDRPP ER					Mascot
3	potassium channel tetramerisation domain containing 12 [Mus musculus]				gi|148668159		Mascot	27882.3	9.77	9	276	100	887918.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
955.5247	955.5277	0.003	3	91	97	YILDYLR	44	98.045			Mascot
955.5247	955.5277	0.003	3	91	97	YILDYLR					Mascot
1029.5337	1029.5399	0.0062	6	231	240	QVPAGGAHHR					Mascot
1029.5337	1029.5399	0.0062	6	231	240	QVPAGGAHHR					Mascot
1476.7264	1476.7301	0.0037	3	63	74	MFTQQQPQELAR					Mascot

	1492.7213	1492.7167	-0.0046	-3	63	74	MFTQQQPQELAR			Oxidation (M)[1]					Mascot
	1494.7474	1494.734	-0.0134	-9	116	127	EAEYFELPELVR		43	97.572					Mascot
	1494.7474	1494.734	-0.0134	-9	116	127	EAEYFELPELVR								Mascot
	1531.7938	1531.7601	-0.0337	-22	50	62	CTVVSVPDSLLWR			Carbamidomethyl (C)[1]					Mascot
	1604.8319	1604.8315	-0.0004	0	98	110	DLQLVLPDYFPER		56	99.892					Mascot
	1604.8319	1604.8315	-0.0004	0	98	110	DLQLVLPDYFPER								Mascot
	1689.8821	1689.8805	-0.0016	-1	129	145	LGAPQQPGPGPPPPHSR		63	99.976					Mascot
	1689.8821	1689.8805	-0.0016	-1	129	145	LGAPQQPGPGPPPPHSR								Mascot
	1845.9832	1845.979	-0.0042	-2	128	145	RLGAPQQPGPGPPPPHSR								Mascot
	1845.9832	1845.979	-0.0042	-2	129	146	LGAPQQPGPGPPPPHSRR								Mascot

4	unnamed protein product [Mus musculus]	gi|26330728	Mascot	17185.8	7.93	6	190	100	887918.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
955.5247	955.5277	0.003	3	91	97	YILDYLR	44	98.045			Mascot
955.5247	955.5277	0.003	3	91	97	YILDYLR					Mascot
1029.5548	1029.5399	-0.0149	-14	146	156	RGAAQGGLSGR					Mascot
1029.5548	1029.5399	-0.0149	-14	146	156	RGAAQGGLSGR					Mascot
1476.7264	1476.7301	0.0037	3	63	74	MFTQQQPQELAR					Mascot
1492.7213	1492.7167	-0.0046	-3	63	74	MFTQQQPQELAR			Oxidation (M)[1]		Mascot
1494.7474	1494.734	-0.0134	-9	116	127	EAEYFELPELVR	43	97.572			Mascot
1494.7474	1494.734	-0.0134	-9	116	127	EAEYFELPELVR					Mascot
1531.7938	1531.7601	-0.0337	-22	50	62	CTVVSVPDSLLWR			Carbamidomethyl (C)[1]		Mascot
1604.8319	1604.8315	-0.0004	0	98	110	DLQLVLPDYFPER	56	99.892			Mascot
1604.8319	1604.8315	-0.0004	0	98	110	DLQLVLPDYFPER					Mascot

5	Kctd12 protein [Mus musculus]	gi|109730383	Mascot	17718.6	7.63	7	183	100	887918.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
981.4748	981.4787	0.0039	4	92	99	DPDRPPER					Mascot
1029.5364	1029.5399	0.0035	3	41	49	SGYITIGYR					Mascot
1029.5364	1029.5399	0.0035	3	41	49	SGYITIGYR					Mascot
1185.6376	1185.6367	-0.0009	-1	40	49	RSGYITIGYR					Mascot
1258.6104	1258.6047	-0.0057	-5	108	117	FNFLEQAFDK	53	99.743			Mascot

1258.6104	1258.6047	-0.0057	-5	108	117	FNFLEQAFDK				Mascot
1266.5961	1266.5959	-0.0002	0	81	91	EVFGDTLNESR				Mascot
1954.9829	1954.9811	-0.0018	-1	19	39	SPSGGAAGPLLTPSQSLDGSR	74	99.999		Mascot
1954.9829	1954.9811	-0.0018	-1	19	39	SPSGGAAGPLLTPSQSLDGSR				Mascot
2229.053	2229.0735	0.0205	9	81	99	EVFGDTLNESRDPDRPPER				Mascot

Gel Idx/Pos	22/A16	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26340006	Mascot	59459.1	5.05	12	251	100	678089.25	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
830.473	830.4738	0.0008	1	201	207	QTLELAR					Mascot
1302.4945	1302.4751	-0.0194	-15	208	217	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1302.4945	1302.4751	-0.0194	-15	208	217	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1440.8209	1440.7993	-0.0216	-15	35	47	SHIDQLVLIFAGK	15	0			Mascot
1440.8209	1440.7993	-0.0216	-15	35	47	SHIDQLVLIFAGK					Mascot
1674.881	1674.868	-0.013	-8	222	237	ALSNLESIPGGYNALR	106	100			Mascot
1674.881	1674.868	-0.013	-8	222	237	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8868	0.0399	22	186	200	NPEISHMLNNPDIMR					Mascot
1796.8418	1796.8326	-0.0092	-5	186	200	NPEISHMLNNPDIMR			Oxidation (M)[7]		Mascot
1812.8368	1812.8256	-0.0112	-6	186	200	NPEISHMLNNPDIMR	26	17.121	Oxidation (M)[7,14]		Mascot
1812.8368	1812.8256	-0.0112	-6	186	200	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1827.9568	1827.8876	-0.0692	-38	171	185	QLIMANPQMQQLIQR			Oxidation (M)[4]		Mascot
1830.9821	1830.9137	-0.0684	-37	222	238	ALSNLESIPGGYNALRR					Mascot
1843.9518	1843.9397	-0.0121	-7	171	185	QLIMANPQMQQLIQR	13	0	Oxidation (M)[4,9]		Mascot
1843.9518	1843.9397	-0.0121	-7	171	185	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9462	-0.0077	-4	513	528	FQQQLEQLSAMGFLNR	11	0	Oxidation (M)[11]		Mascot
1925.9539	1925.9462	-0.0077	-4	513	528	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot
1995.9658	1995.9615	-0.0043	-2	10	26	EKEEFAVPENSSVQQFK	2	0			Mascot
1995.9658	1995.9615	-0.0043	-2	10	26	EKEEFAVPENSSVQQFK					Mascot
2040.072	2040.0693	-0.0027	-1	529	548	EANLQALIATGGDINAAIER					Mascot
2326.2151	2326.2322	0.0171	7	51	71	DQDTLSQHGIHDGLTVHLVIK					Mascot
2677.271	2677.3142	0.0432	16	403	425	QQLPTFLQQMQNPDTLSAMSNPR			Oxidation (M)[10,19]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Ubqln1 protein [Mus musculus]	gi|51593731	Mascot	61927.2	4.86	12	249	100	678089.25	100

Protein Group

RecName: Full=Ubiquilin-1; AltName: Full=Protein	gi|48474876	61937.2	4.8600	

linking IAP with cytoskeleton 1; Short=PLIC-1 001335144

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
830.473	830.4738	0.0008	1	228	234	QTLELAR					Mascot
1302.4945	1302.4751	-0.0194	-15	235	244	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1302.4945	1302.4751	-0.0194	-15	235	244	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1440.8209	1440.7993	-0.0216	-15	62	74	SHIDQLVLIFAGK	15	0			Mascot
1440.8209	1440.7993	-0.0216	-15	62	74	SHIDQLVLIFAGK					Mascot
1674.881	1674.868	-0.013	-8	249	264	ALSNLESIPGGYNALR	106	100			Mascot
1674.881	1674.868	-0.013	-8	249	264	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8868	0.0399	22	213	227	NPEISHMLNNPDIMR					Mascot
1796.8418	1796.8326	-0.0092	-5	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7]		Mascot
1812.8368	1812.8256	-0.0112	-6	213	227	NPEISHMLNNPDIMR	26	17.121	Oxidation (M)[7,14]		Mascot
1812.8368	1812.8256	-0.0112	-6	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1827.9568	1827.8876	-0.0692	-38	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4]		Mascot
1830.9821	1830.9137	-0.0684	-37	249	265	ALSNLESIPGGYNALRR					Mascot
1843.9518	1843.9397	-0.0121	-7	198	212	QLIMANPQMQQLIQR	13	0	Oxidation (M)[4,9]		Mascot
1843.9518	1843.9397	-0.0121	-7	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9462	-0.0077	-4	540	555	FQQQLEQLSAMGFLNR	11	0	Oxidation (M)[11]		Mascot
1925.9539	1925.9462	-0.0077	-4	540	555	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot
1995.9658	1995.9615	-0.0043	-2	37	53	EKEEFAVPENSSVQQFK	2	0			Mascot
1995.9658	1995.9615	-0.0043	-2	37	53	EKEEFAVPENSSVQQFK					Mascot
2040.072	2040.0693	-0.0027	-1	556	575	EANLQALIATGGDINAAIER					Mascot
2326.2151	2326.2322	0.0171	7	78	98	DQDTLSQHGIHDGLTVHLVIK					Mascot
2677.271	2677.3142	0.0432	16	430	452	QQLPTFLQQMQNPDTLSAMSNPR			Oxidation (M)[10,19]		Mascot

3	unnamed protein product [Mus musculus]	gi|74196824	Mascot	58568.6	4.89	11	240	100	678089.25	100	

Protein Group

ubiquilin 1 isoform 2 [Mus musculus]	gi|22726191	58640.6	4.8499999046 3257
unnamed protein product [Mus musculus]	gi|74224963	58641.6	4.8000001907 3486
unnamed protein product [Mus musculus]	gi|26339388	58568.6	4.8999998664

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
830.473	830.4738	0.0008	1	228	234	QTLELAR					Mascot
1302.4945	1302.4751	-0.0194	-15	235	244	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1302.4945	1302.4751	-0.0194	-15	235	244	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1440.8209	1440.7993	-0.0216	-15	62	74	SHIDQLVLIFAGK	15	0			Mascot
1440.8209	1440.7993	-0.0216	-15	62	74	SHIDQLVLIFAGK					Mascot
1674.881	1674.868	-0.013	-8	249	264	ALSNLESIPGGYNALR	106	100			Mascot
1674.881	1674.868	-0.013	-8	249	264	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8868	0.0399	22	213	227	NPEISHMLNNPDIMR					Mascot
1796.8418	1796.8326	-0.0092	-5	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7]		Mascot
1812.8368	1812.8256	-0.0112	-6	213	227	NPEISHMLNNPDIMR	26	17.121	Oxidation (M)[7,14]		Mascot
1812.8368	1812.8256	-0.0112	-6	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1827.9568	1827.8876	-0.0692	-38	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4]		Mascot
1830.9821	1830.9137	-0.0684	-37	249	265	ALSNLESIPGGYNALRR					Mascot
1843.9518	1843.9397	-0.0121	-7	198	212	QLIMANPQMQQLIQR	13	0	Oxidation (M)[4,9]		Mascot
1843.9518	1843.9397	-0.0121	-7	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9462	-0.0077	-4	512	527	FQQQLEQLSAMGFLNR	11	0	Oxidation (M)[11]		Mascot
1925.9539	1925.9462	-0.0077	-4	512	527	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot
1995.9658	1995.9615	-0.0043	-2	37	53	EKEEFAVPENSSVQQFK	2	0			Mascot
1995.9658	1995.9615	-0.0043	-2	37	53	EKEEFAVPENSSVQQFK					Mascot
2040.072	2040.0693	-0.0027	-1	528	547	EANLQALIATGGDINAAIER					Mascot
2326.2151	2326.2322	0.0171	7	78	98	DQDTLSQHGIHDGLTVHLVIK					Mascot

4	Similar to ubiquilin 1 [Mus musculus]		gi|30047889	Mascot	56495.5	4.96	11	240	100	678089.25	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
830.473	830.4738	0.0008	1	176	182	QTLELAR					Mascot
1302.4945	1302.4751	-0.0194	-15	183	192	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1302.4945	1302.4751	-0.0194	-15	183	192	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1440.8209	1440.7993	-0.0216	-15	10	22	SHIDQLVLIFAGK	15	0			Mascot
1440.8209	1440.7993	-0.0216	-15	10	22	SHIDQLVLIFAGK					Mascot

1674.881	1674.868	-0.013	-8	197	212	ALSNLESIPGGYNALR		106	100						Mascot
1674.881	1674.868	-0.013	-8	197	212	ALSNLESIPGGYNALR									Mascot
1780.8469	1780.8868	0.0399	22	161	175	NPEISHMLNNPDIMR									Mascot
1796.8418	1796.8326	-0.0092	-5	161	175	NPEISHMLNNPDIMR				Oxidation (M)[7]					Mascot
1812.8368	1812.8256	-0.0112	-6	161	175	NPEISHMLNNPDIMR		26	17.121	Oxidation (M)[7,14]					Mascot
1812.8368	1812.8256	-0.0112	-6	161	175	NPEISHMLNNPDIMR				Oxidation (M)[7,14]					Mascot
1827.9568	1827.8876	-0.0692	-38	146	160	QLIMANPQMQQLIQR				Oxidation (M)[4]					Mascot
1830.9821	1830.9137	-0.0684	-37	197	213	ALSNLESIPGGYNALRR									Mascot
1843.9518	1843.9397	-0.0121	-7	146	160	QLIMANPQMQQLIQR		13	0	Oxidation (M)[4,9]					Mascot
1843.9518	1843.9397	-0.0121	-7	146	160	QLIMANPQMQQLIQR				Oxidation (M)[4,9]					Mascot
1925.9539	1925.9462	-0.0077	-4	488	503	FQQQLEQLSAMGFLNR		11	0	Oxidation (M)[11]					Mascot
1925.9539	1925.9462	-0.0077	-4	488	503	FQQQLEQLSAMGFLNR				Oxidation (M)[11]					Mascot
2040.072	2040.0693	-0.0027	-1	504	523	EANLQALIATGGDINAAIER									Mascot
2326.2151	2326.2322	0.0171	7	26	46	DQDTLSQHGIHDGLTVHLVIK									Mascot
2677.271	2677.3142	0.0432	16	378	400	QQLPTFLQQMQNPDTLSAMSNPR				Oxidation (M)[10,19]					Mascot

5	Ubqln1 protein [Mus musculus]			gi|16307349		Mascot	46729.6	4.62	9	212	100	678089.25	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
830.473	830.4738	0.0008	1	81	87	QTLELAR					Mascot
1302.4945	1302.4751	-0.0194	-15	88	97	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1302.4945	1302.4751	-0.0194	-15	88	97	NPAMMQEMMR			Oxidation (M)[4,5,8,9]		Mascot
1674.881	1674.868	-0.013	-8	102	117	ALSNLESIPGGYNALR	106	100			Mascot
1674.881	1674.868	-0.013	-8	102	117	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8868	0.0399	22	66	80	NPEISHMLNNPDIMR					Mascot
1796.8418	1796.8326	-0.0092	-5	66	80	NPEISHMLNNPDIMR			Oxidation (M)[7]		Mascot
1812.8368	1812.8256	-0.0112	-6	66	80	NPEISHMLNNPDIMR	26	17.121	Oxidation (M)[7,14]		Mascot
1812.8368	1812.8256	-0.0112	-6	66	80	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1827.9568	1827.8876	-0.0692	-38	51	65	QLIMANPQMQQLIQR			Oxidation (M)[4]		Mascot
1830.9821	1830.9137	-0.0684	-37	102	118	ALSNLESIPGGYNALRR					Mascot
1843.9518	1843.9397	-0.0121	-7	51	65	QLIMANPQMQQLIQR	13	0	Oxidation (M)[4,9]		Mascot
1843.9518	1843.9397	-0.0121	-7	51	65	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9462	-0.0077	-4	393	408	FQQQLEQLSAMGFLNR	11	0	Oxidation (M)[11]		Mascot
1925.9539	1925.9462	-0.0077	-4	393	408	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot

2040.072	2040.0693	-0.0027	-1	409	428	EANLQALIATGGDINAAIE R		Mascot
2677.271	2677.3142	0.0432	16	283	305	QQLPTFLQQMQNPDTLS AMSNPR	Oxidation (M)[10,19]	Mascot

Gel Idx/Pos	9/A17	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	9

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74186670	Mascot	11368.7	9	3	31	0	326510.84	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2232.999	2233.094	0.095	43	78	98	SEDEDSLSPASANEDKEISPL					Mascot
2723.3345	2723.2969	-0.0376	-14	1	23	TAFTSTQLLELEREFSSNMYLSR					Mascot
2823.2122	2823.3315	0.1193	42	68	93	CVGSQAHYARSEDEDSLSPASANEDK			Carbamidomethyl (C)[1]		Mascot

2	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	4	29	0	326510.84	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5287	-0.0328	-38	27	33	LKVLLDR					Mascot
1045.5823	1045.5641	-0.0182	-17	20	28	NMGIDVRLK					Mascot
2225.0513	2225.1213	0.07	31	41	59	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot
2277.179	2277.0557	-0.1233	-54	60	78	FHFFALLPHQRLHGGSQER					Mascot

3	aldo-keto reductase family 1, member D1 [Mus musculus]	gi|21703734	Mascot	37608.3	6.43	5	29	0	326510.84	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1157.6273	1157.5876	-0.0397	-34	297	306	DIDALNKNVR					Mascot
2238.0908	2238.1736	0.0828	37	207	225	FCQQHDIVIVAHSPLGTCR			Carbamidomethyl (C)[2,18]		Mascot
2239.2083	2239.1357	-0.0726	-32	110	128	LDYIDLYIIELPMAFKPGK					Mascot
2239.2083	2239.1357	-0.0726	-32	110	128	LDYIDLYIIELPMAFKPGK					Mascot
2299.1096	2299.1746	0.065	28	139	157	IIYDKTNLCATWEALEACK			Carbamidomethyl (C)[9,18]		Mascot
2839.282	2839.322	0.04	14	304	325	NVRYVELLMWSDHPEYPFHDEY					Mascot

4	rearranged immunoglobulin light chain variable region	gi|1127691	Mascot	9331.6	9.39	3	29	0	326510.84	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.5054	0.0004	0	76	83	GVVTHPVR					Mascot
2211.1438	2211.1057	-0.0381	-17	63	83	MEAEDAALITASKGVVTHPVR			Oxidation (M)[1]		Mascot
2914.3862	2914.5308	0.1446	50	5	30	VTITCSASSSVSYMHWFQQKPGTSPK			Carbamidomethyl (C)[5]		Mascot

5 wings apart-like homolog [Mus musculus] gi|100815493 Mascot 135639.5 5.26 9 28 0 326510.84

Protein Group

Wings apart-like protein homolog (Dioxin-inducible factor 2) (DIF-2) gi|81890505 135625.5 5.2600022888184

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.5486	1106.547	-0.0016	-1	705	714	AHGMVAMVFK			Oxidation (M)[4]		Mascot
1106.5953	1106.547	-0.0483	-44	558	567	SPTKAVYNAR					Mascot
1120.5667	1120.5648	-0.0019	-2	768	776	LLNEKDMNK			Oxidation (M)[7]		Mascot
1157.5369	1157.5876	0.0507	44	347	357	KGSASCGTSFR			Carbamidomethyl (C)[6]		Mascot
1940.9755	1940.9343	-0.0412	-21	684	700	CLSVISLATKCAMPSFR			Carbamidomethyl (C)[1,11]		Mascot
1940.9755	1940.9343	-0.0412	-21	684	700	CLSVISLATKCAMPSFR			Carbamidomethyl (C)[1,11]		Mascot
2003.0089	2003.0712	0.0623	31	1171	1188	KFLSFMNLTCAVGTTGQK			Carbamidomethyl (C)[10]		Mascot
2807.334	2807.3257	-0.0083	-3	119	143	CSHVVGEDSFASDRCLLVEDTLIGK			Carbamidomethyl (C)[1,15]		Mascot
2811.2593	2811.3186	0.0593	21	1079	1103	SGEWQETSGEIQWVSTEKTDGAEEK					Mascot
2811.2593	2811.3186	0.0593	21	1079	1103	SGEWQETSGEIQWVSTEKTDGAEEK					Mascot
3346.7529	3346.7087	-0.0442	-13	867	896	VLESVTVHNPENQSYLIAYKDSQLIISSAK					Mascot

Gel Idx/Pos	23/A18	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	Lectin, galactose binding, soluble 1 [Mus musculus]	gi|12805209	Mascot	15210.4	5.32	8	469	100	666227.75	100

Protein Group

beta-galactoside binding protein	gi|193442	15138.3	5.3200 001716 6138
lectin, galactose binding, soluble 1 [Mus musculus]	gi|6678682	15198.3	5.3200 001716 6138

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
877.5142	877.5172	0.003	3	30	37	SFVLNLGK	3	0			Mascot
877.5142	877.5172	0.003	3	30	37	SFVLNLGK					Mascot
942.468	942.4624	-0.0056	-6	101	108	LPDGHEFK	53	99.865			Mascot
942.468	942.4624	-0.0056	-6	101	108	LPDGHEFK					Mascot
1031.548	1031.5491	0.0011	1	20	29	VRGEVASDAK					Mascot
1187.5077	1187.5005	-0.0072	-6	65	74	EDGTWGTEHR					Mascot
1456.7332	1456.714	-0.0192	-13	101	112	LPDGHEFKFPNR					Mascot
1486.6857	1486.676	-0.0097	-7	38	49	DSNNLCLHFNPR	93	100	Carbamidomethyl (C)[6]		Mascot
1486.6857	1486.676	-0.0097	-7	38	49	DSNNLCLHFNPR			Carbamidomethyl (C)[6]		Mascot
1661.77	1661.7581	-0.0119	-7	50	64	FNAHGDANTIVCNTK	135	100	Carbamidomethyl (C)[12]		Mascot
1661.77	1661.7581	-0.0119	-7	50	64	FNAHGDANTIVCNTK			Carbamidomethyl (C)[12]		Mascot
1818.8037	1818.7925	-0.0112	-6	113	128	LNMEAINYMAADGDFK			Oxidation (M)[3]		Mascot
1834.7986	1834.79	-0.0086	-5	113	128	LNMEAINYMAADGDFK	108	100	Oxidation (M)[3,9]		Mascot
1834.7986	1834.79	-0.0086	-5	113	128	LNMEAINYMAADGDFK			Oxidation (M)[3,9]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|52890	Mascot	11924.8	5.19	5	274	100	666227.75	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
877.5142	877.5172	0.003	3	30	37	SFVLNLGK	3	0			Mascot
877.5142	877.5172	0.003	3	30	37	SFVLNLGK					Mascot

1031.548	1031.5491	0.0011	1	20	29	VRGEVASDAK								Mascot
1187.5077	1187.5005	-0.0072	-6	65	74	EDGTWGTEHR								Mascot
1486.6857	1486.676	-0.0097	-7	38	49	DSNNLCLHFNPR		93	100	Carbamidomethyl (C)[6]				Mascot
1486.6857	1486.676	-0.0097	-7	38	49	DSNNLCLHFNPR				Carbamidomethyl (C)[6]				Mascot
1661.77	1661.7581	-0.0119	-7	50	64	FNAHGDANTIVCNTK		135	100	Carbamidomethyl (C)[12]				Mascot
1661.77	1661.7581	-0.0119	-7	50	64	FNAHGDANTIVCNTK				Carbamidomethyl (C)[12]				Mascot

3	mCG147230 [Mus musculus]	gi|148676461	Mascot	7772.7	5.54	4	42	0	666227.75		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1477.7506	1477.6611	-0.0895	-61	42	55	SQQPHGGSQPSVIR					Mascot
1501.7039	1501.6635	-0.0404	-27	17	29	LHMGAGEMAQWVR			Oxidation (M)[3]		Mascot
1986.0261	1986.0085	-0.0176	-9	1	16	MPMYICGVLYLKEQLK			Carbamidomethyl (C)[6]		Mascot
1986.0261	1986.0085	-0.0176	-9	1	16	MPMYICGVLYLKEQLK			Carbamidomethyl (C)[6]		Mascot
1999.9841	2000.0194	0.0353	18	13	29	EQLKLHMGAGEMAQWVR			Oxidation (M)[7]		Mascot
2002.021	2002.0157	-0.0053	-3	1	16	MPMYICGVLYLKEQLK			Carbamidomethyl (C)[6], Oxidation (M)[1]		Mascot

4	PREDICTED: hypothetical protein [Mus musculus]	gi|94392581	Mascot	17248.1	6.04	5	40	0	666227.75		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
993.4921	993.4857	-0.0064	-6	141	150	ASSMTVPLAT			Oxidation (M)[4]		Mascot
1501.7369	1501.6635	-0.0734	-49	106	117	FSLHCQLPWASR			Carbamidomethyl (C)[5]		Mascot
1502.6364	1502.6669	0.0305	20	123	136	TCGNTGSSPTMSFR			Carbamidomethyl (C)[2]		Mascot
1502.6364	1502.6669	0.0305	20	123	136	TCGNTGSSPTMSFR			Carbamidomethyl (C)[2]		Mascot
1818.7858	1818.7925	0.0067	4	123	139	TCGNTGSSPTMSFRSGR			Carbamidomethyl (C)[2], Oxidation (M)[11]		Mascot
2225.0068	2225.1223	0.1155	52	1	19	MPDQISVSEFVAETHEDYK					Mascot

5	Ig kappa chain V region - mouse	gi|110457	Mascot	10024.7	9.04	3	39	0	666227.75	0	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
942.4567	942.4624	0.0057	6	85	93	SSYPLTFGA	14	0			Mascot
942.4567	942.4624	0.0057	6	85	93	SSYPLTFGA					Mascot
1770.8184	1770.7831	-0.0353	-20	1	16	AIMSASPGEKVTMTCR			Carbamidomethyl (C)[15], Oxidation (M)[3,13]		Mascot

1834.8606	1834.79	-0.0706	-38	17	32	ASSSVSSSYLNWYQQK	Mascot
1834.8606	1834.79	-0.0706	-38	17	32	ASSSVSSSYLNWYQQK	Mascot

Gel Idx/Pos	10/A19	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	Chain A, Solution Structure Of Mouse Er	gi|159163463	Mascot	12995.3	5.33	5	201	100	354428.84	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
965.4396	965.449	0.0094	10	42	48	MYEEHLK			Oxidation (M)[1]		Mascot
1105.5459	1105.5535	0.0076	7	42	49	MYEEHLKR					Mascot
1121.5408	1121.5385	-0.0023	-2	42	49	MYEEHLKR	9	0	Oxidation (M)[1]		Mascot
1121.5408	1121.5385	-0.0023	-2	42	49	MYEEHLKR			Oxidation (M)[1]		Mascot
1328.6117	1328.6034	-0.0083	-6	81	91	ADTQTYQPYNK	57	99.94			Mascot
1328.6117	1328.6034	-0.0083	-6	81	91	ADTQTYQPYNK					Mascot
1941.011	1940.9299	-0.0811	-42	1	19	GSEGAATMSHTILLVQPTK					Mascot
2070.8091	2070.8108	0.0017	1	25	41	TYADYESVNECMEGVCK	91	100	Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot
2070.8091	2070.8108	0.0017	1	25	41	TYADYESVNECMEGVCK			Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	enhancer of rudimentary homolog [Homo sapiens]	gi|4758302	Mascot	12422.1	5.63	4	188	100	354428.84	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
965.4396	965.449	0.0094	10	35	41	MYEEHLK			Oxidation (M)[1]		Mascot
1105.5459	1105.5535	0.0076	7	35	42	MYEEHLKR					Mascot
1121.5408	1121.5385	-0.0023	-2	35	42	MYEEHLKR	9	0	Oxidation (M)[1]		Mascot
1121.5408	1121.5385	-0.0023	-2	35	42	MYEEHLKR			Oxidation (M)[1]		Mascot
1328.6117	1328.6034	-0.0083	-6	74	84	ADTQTYQPYNK	57	99.94			Mascot
1328.6117	1328.6034	-0.0083	-6	74	84	ADTQTYQPYNK					Mascot
2070.8091	2070.8108	0.0017	1	18	34	TYADYESVNECMEGVCK	91	100	Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot
2070.8091	2070.8108	0.0017	1	18	34	TYADYESVNECMEGVCK			Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	mCG7617, isoform CRA_a [Mus musculus]	gi|148670722	Mascot	14574.1	5.38	4	185	100	354428.84	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
965.4396	965.449	0.0094	10	54	60	MYEEHLK			Oxidation (M)[1]		Mascot
1105.5459	1105.5535	0.0076	7	54	61	MYEEHLKR					Mascot
1121.5408	1121.5385	-0.0023	-2	54	61	MYEEHLKR	9	0	Oxidation (M)[1]		Mascot
1121.5408	1121.5385	-0.0023	-2	54	61	MYEEHLKR			Oxidation (M)[1]		Mascot
1328.6117	1328.6034	-0.0083	-6	93	103	ADTQTYQPYNK	57	99.94			Mascot
1328.6117	1328.6034	-0.0083	-6	93	103	ADTQTYQPYNK					Mascot
2070.8091	2070.8108	0.0017	1	37	53	TYADYESVNECMEGVCK	91	100	Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot
2070.8091	2070.8108	0.0017	1	37	53	TYADYESVNECMEGVCK			Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot

4	Chain A, Crystal Structure Of Enhancer Of Rudimentary Homologue (Erh)	gi|66360372	Mascot	12915.1	5.33	3	175	100	354428.84	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1121.5408	1121.5385	-0.0023	-2	42	49	XYEEHLKR	9	0			Mascot
1328.6117	1328.6034	-0.0083	-6	81	91	ADTQTYQPYNK	57	99.94			Mascot
1328.6117	1328.6034	-0.0083	-6	81	91	ADTQTYQPYNK					Mascot
2070.8091	2070.8108	0.0017	1	25	41	TYADYESVNECXEGVCK	91	100	Carbamidomethyl (C)[11,16]		Mascot

5	mCG7617, isoform CRA_b [Mus musculus]	gi|148670723	Mascot	8368.9	4.57	3	127	100	354428.84	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
965.4396	965.449	0.0094	10	35	41	MYEEHLK			Oxidation (M)[1]		Mascot
1105.5459	1105.5535	0.0076	7	35	42	MYEEHLKR					Mascot
1121.5408	1121.5385	-0.0023	-2	35	42	MYEEHLKR	9	0	Oxidation (M)[1]		Mascot
1121.5408	1121.5385	-0.0023	-2	35	42	MYEEHLKR			Oxidation (M)[1]		Mascot
2070.8091	2070.8108	0.0017	1	18	34	TYADYESVNECMEGVCK	91	100	Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot
2070.8091	2070.8108	0.0017	1	18	34	TYADYESVNECMEGVCK			Carbamidomethyl (C)[11,16], Oxidation (M)[12]		Mascot

Gel Idx/Pos	24/A20	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74191566	Mascot	42125.9	5.3	6	119	100	341672.22	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.531	0.004	4	197	206	GYSFTTTAER					Mascot
1132.527	1132.531	0.004	4	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7076	-0.0415	-27	85	95	IWHHTFYNELR					Mascot
1515.7491	1515.7076	-0.0415	-27	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7074	0.0046	3	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8911	-0.0009	-1	239	254	SYELPDGQVITIGNER	89	100			Mascot
1790.892	1790.8911	-0.0009	-1	239	254	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0688	0.0039	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0688	0.0039	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2678.3687	2678.3831	0.0144	5	337	359	YSVWIGGSILASLFTFQQMWISK			Oxidation (M)[19]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74204414	Mascot	42200.9	5.37	6	117	100	341672.22	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.531	0.004	4	197	206	GYSFTTTAER					Mascot
1132.527	1132.531	0.004	4	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7076	-0.0415	-27	85	95	IWHHTFYNELR					Mascot
1515.7491	1515.7076	-0.0415	-27	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7074	0.0046	3	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8911	-0.0009	-1	239	254	SYELPDGQVITIGNER	89	100			Mascot
1790.892	1790.8911	-0.0009	-1	239	254	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0688	0.0039	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0688	0.0039	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2299.2405	2299.1787	-0.0618	-27	96	116	VAPEEHPVLLTEATLNPK					Mascot

		ANR									
3	ubiquitin-conjugating enzyme E2-25K isoform 1 [Homo sapiens]	gi|4885417	Mascot	22506.6	5.33	5	117	100	341672.22	100	

Protein Group

huntingtin interacting protein 2, isoform CRA_a [Mus musculus]	gi|148705798	20973.8	6.9499998092 6514
huntingtin interacting protein-2 [Mus musculus]	gi|2897818	22502.6	5.3299999237 0605

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1302.6729	1302.665	-0.0079	-6	62	72	IPETYPFNPPK	3	0			Mascot
1302.6729	1302.665	-0.0079	-6	62	72	IPETYPFNPPK					Mascot
1341.5927	1341.5969	0.0042	3	166	176	IENLCAMGFDR			Carbamidomethyl (C)[5], Oxidation (M)[7]		Mascot
1449.722	1449.724	0.002	1	29	40	VDLVDENFTELR	34	83.421			Mascot
1449.722	1449.724	0.002	1	29	40	VDLVDENFTELR					Mascot
1469.6876	1469.6881	0.0005	0	165	176	KIENLCAMGFDR			Carbamidomethyl (C)[6], Oxidation (M)[8]		Mascot
1515.7074	1515.7076	0.0002	0	41	55	GEIAGPPDTPYEGGR	49	99.408			Mascot
1515.7074	1515.7076	0.0002	0	41	55	GEIAGPPDTPYEGGR					Mascot

4	put. beta-actin (aa 27-375) [Mus musculus]	gi|49868	Mascot	39445.8	5.78	5	113	100	341672.22	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.531	0.004	4	171	180	GYSFTTTAER					Mascot
1132.527	1132.531	0.004	4	171	180	GYSFTTTAER					Mascot
1515.7491	1515.7076	-0.0415	-27	59	69	IWHHTFYNELR					Mascot
1515.7491	1515.7076	-0.0415	-27	59	69	IWHHTFYNELR					Mascot
1516.7028	1516.7074	0.0046	3	334	346	QEYDESGPSIVHR					Mascot
1790.892	1790.8911	-0.0009	-1	213	228	SYELPDGQVITIGNER	89	100			Mascot
1790.892	1790.8911	-0.0009	-1	213	228	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0688	0.0039	2	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0688	0.0039	2	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot

5	unnamed protein product [Mus musculus]	gi|74187644	Mascot	42052.9	5.23	5	111	100	341672.22	100	

Protein Group

A-X actin	gi|309090	42008.8	5.2100000381 4697
actin, gamma 1 propeptide [Homo sapiens]	gi|4501887	42107.9	5.3099999427 7954
beta actin [Homo sapiens]	gi|4501885	42051.9	5.2899999618 5303
gamma-actin [Mus musculus]	gi|809561	41334.6	5.5599999427 7954
unnamed protein product [Mus musculus]	gi|74207178	42087	5.9000000953 6743
unnamed protein product [Mus musculus]	gi|74151948	42023.8	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74213524	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74191564	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74214757	42115	5.9000000953 6743
unnamed protein product [Mus musculus]	gi|74151709	42046	6.0300002098 0835
unnamed protein product [Mus musculus]	gi|74178253	42079.9	5.7800002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.531	0.004	4	197	206	GYSFTTTAER					Mascot
1132.527	1132.531	0.004	4	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7076	-0.0415	-27	85	95	IWHHTFYNELR					Mascot
1515.7491	1515.7076	-0.0415	-27	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7074	0.0046	3	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8911	-0.0009	-1	239	254	SYELPDGQVITIGNER	89	100			Mascot
1790.892	1790.8911	-0.0009	-1	239	254	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0688	0.0039	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0688	0.0039	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot

Gel Idx/Pos	11/A21	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	SUMO1 activating enzyme subunit 1 [Mus musculus]	gi|9790247	Mascot	39051.8	5.24	13	198	100	638910.06	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
927.4465	927.4619	0.0154	17	146	152	VDQICHR			Carbamidomethyl (C)[5]		Mascot
1045.5385	1045.5651	0.0266	25	94	102	NRAEASLER					Mascot
1199.6631	1199.6699	0.0068	6	268	277	EDAELLLQIR					Mascot
1244.6304	1244.6099	-0.0205	-16	103	113	AQNLNPMVDVK			Oxidation (M)[7]		Mascot
1388.5756	1388.5764	0.0008	1	130	140	FDAVCLTCCSR	7	0	Carbamidomethyl (C)[5,8,9]		Mascot
1388.5756	1388.5764	0.0008	1	130	140	FDAVCLTCCSR			Carbamidomethyl (C)[5,8,9]		Mascot
1520.8723	1520.8665	-0.0058	-4	240	252	TAPDYFLLQVLLK					Mascot
1728.7476	1728.7438	-0.0038	-2	326	339	DPPHNNFFFFDGMK	61	99.974	Oxidation (M)[13]		Mascot
1728.7476	1728.7438	-0.0038	-2	326	339	DPPHNNFFFFDGMK			Oxidation (M)[13]		Mascot
2038.8585	2038.8682	0.0097	5	5	25	EEAGGGGGGGISEEEAAQYDR					Mascot
2107.0554	2107.0537	-0.0017	-1	260	277	DPTSESYKEDAELLLQIR					Mascot
2234.0977	2234.0969	-0.0008	0	278	297	NDVFDSLGISPDLLPDDFVR	27	27.882			Mascot
2234.0977	2234.0969	-0.0008	0	278	297	NDVFDSLGISPDLLPDDFVR					Mascot
2395.0645	2395.073	0.0085	4	2	25	VEKEEAGGGGGGISEEEAAQYDR					Mascot
2998.4575	2998.4475	-0.01	-3	66	93	GLTMLDHEQVSPEDPGAQFLIQTGSVGR			Oxidation (M)[4]		Mascot
3040.3789	3040.3948	0.0159	5	157	182	FFTGDVFGYHGYTFANLGEHEFVEEK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74184075	Mascot	36625.6	5.23	12	127	100	638910.06	85.577

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
927.4465	927.4619	0.0154	17	146	152	VDQICHR			Carbamidomethyl (C)[5]		Mascot
1045.5385	1045.5651	0.0266	25	94	102	NRAEASLER					Mascot
1199.6631	1199.6699	0.0068	6	268	277	EDAELLLQIR					Mascot
1244.6304	1244.6099	-0.0205	-16	103	113	AQNLNPMVDVK			Oxidation (M)[7]		Mascot

1388.5756	1388.5764	0.0008	1	130	140	FDAVCLTCCSR		7	0	Carbamidomethyl (C)[5,8,9]				Mascot
1388.5756	1388.5764	0.0008	1	130	140	FDAVCLTCCSR				Carbamidomethyl (C)[5,8,9]				Mascot
1520.8723	1520.8665	-0.0058	-4	240	252	TAPDYFLLQVLLK								Mascot
2038.8585	2038.8682	0.0097	5	5	25	EEAGGGGGGGISEEEAAQYDR								Mascot
2107.0554	2107.0537	-0.0017	-1	260	277	DPTSESYKEDAELLLQIR								Mascot
2234.0977	2234.0969	-0.0008	0	278	297	NDVFDSLGISPDLLPDDFVR		27	27.882					Mascot
2234.0977	2234.0969	-0.0008	0	278	297	NDVFDSLGISPDLLPDDFVR								Mascot
2395.0645	2395.073	0.0085	4	2	25	VEKEEAGGGGGGGISEEEAAQYDR								Mascot
2998.4575	2998.4475	-0.01	-3	66	93	GLTMLDHEQVSPEDPGAQFLIQTGSVGR				Oxidation (M)[4]				Mascot
3040.3789	3040.3948	0.0159	5	157	182	FFTGDVFGYHGYTFANLGEHEFVEEK								Mascot

3	unnamed protein product [Mus musculus]	gi|12848126	Mascot	20334.3	5.08	5	121	100	638910.06	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1199.6631	1199.6699	0.0068	6	99	108	EDAELLLQIR					Mascot
1520.8723	1520.8665	-0.0058	-4	71	83	TAPDYFLLQVLLK					Mascot
1728.7476	1728.7438	-0.0038	-2	157	170	DPPHNNFFFFDGMK	61	99.974	Oxidation (M)[13]		Mascot
1728.7476	1728.7438	-0.0038	-2	157	170	DPPHNNFFFFDGMK			Oxidation (M)[13]		Mascot
2107.0554	2107.0537	-0.0017	-1	91	108	DPTSESYKEDAELLLQIR					Mascot
2234.0977	2234.0969	-0.0008	0	109	128	NDVFDSLGISPDLLPDDFVR	27	27.882			Mascot
2234.0977	2234.0969	-0.0008	0	109	128	NDVFDSLGISPDLLPDDFVR					Mascot

4	SGT1, suppressor of G2 allele of SKP1 [Mus musculus]	gi|23956176	Mascot	38420.1	5.32	8	103	100	638910.06	99.935		

Protein Group

unnamed protein product [Mus musculus]	gi|12841721	38431.2	5.4000000953 6743	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1074.5765	1074.5657	-0.0108	-10	52	60	AYCHILLGK			Carbamidomethyl (C)[3]		Mascot
1358.5795	1358.5773	-0.0022	-2	246	256	NMYPSSSHYTR			Oxidation (M)[2]		Mascot
1522.8628	1522.8595	-0.0033	-2	195	207	LLHPIIPEQSTFK	36	90.9			Mascot
1522.8628	1522.8595	-0.0033	-2	195	207	LLHPIIPEQSTFK					Mascot

1529.7119	1529.7079	-0.004	-3	94	107	DYASALETFAEGQK							Mascot
1614.8268	1614.8241	-0.0027	-2	71	84	SLELNPNNCTALLR				Carbamidomethyl (C)[9]			Mascot
1614.8268	1614.8241	-0.0027	-2	71	84	SLELNPNNCTALLR				Carbamidomethyl (C)[9]			Mascot
1628.7803	1628.8009	0.0206	13	283	296	LFQQIYSDGSDEVK							Mascot
1784.8813	1784.8806	-0.0007	0	283	297	LFQQIYSDGSDEVKR							Mascot
1784.8813	1784.8806	-0.0007	0	283	297	LFQQIYSDGSDEVKR							Mascot
1870.8025	1870.8062	0.0037	2	37	51	ALEQNPDDAQYYCQR		21	0	Carbamidomethyl (C)[13]			Mascot
1870.8025	1870.8062	0.0037	2	37	51	ALEQNPDDAQYYCQR				Carbamidomethyl (C)[13]			Mascot

5	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae), isoform CRA_a [Mus musculus]	gi|148703812	Mascot	28591.5	5.91	5	86	99.964	638910.06	99.935	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1074.5765	1074.5657	-0.0108	-10	52	60	AYCHILLGK			Carbamidomethyl (C)[3]		Mascot
1522.8628	1522.8595	-0.0033	-2	195	207	LLHPIIPEQSTFK	36	90.9			Mascot
1522.8628	1522.8595	-0.0033	-2	195	207	LLHPIIPEQSTFK					Mascot
1529.7119	1529.7079	-0.004	-3	94	107	DYASALETFAEGQK					Mascot
1614.8268	1614.8241	-0.0027	-2	71	84	SLELNPNNCTALLR			Carbamidomethyl (C)[9]		Mascot
1614.8268	1614.8241	-0.0027	-2	71	84	SLELNPNNCTALLR			Carbamidomethyl (C)[9]		Mascot
1870.8025	1870.8062	0.0037	2	37	51	ALEQNPDDAQYYCQR	21	0	Carbamidomethyl (C)[13]		Mascot
1870.8025	1870.8062	0.0037	2	37	51	ALEQNPDDAQYYCQR			Carbamidomethyl (C)[13]		Mascot

Gel Idx/Pos	25/A22	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	superoxide dismutase 1, soluble [Mus musculus]	gi|45597447	Mascot	16103.9	6.02	8	255	100	962813.25	100

Protein Group

Cu/Zn superoxide dismutase	gi|226471	15922.8	6.0300 002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
859.4342	859.437	0.0028	3	117	123	TMVVHEK			Oxidation (M)[2]		Mascot
967.4228	967.4331	0.0103	11	72	80	HGGPADEER					Mascot
1001.5448	1001.529	-0.0158	-16	145	154	LACGVIGIAQ			Carbamidomethyl (C)[3]		Mascot
1095.5178	1095.5278	0.01	9	71	80	KHGGPADEER	12	0			Mascot
1095.5178	1095.5278	0.01	9	71	80	KHGGPADEER					Mascot
1167.6117	1167.6169	0.0052	4	81	92	HVGDLGNVTAGK	5	0			Mascot
1167.6117	1167.6169	0.0052	4	81	92	HVGDLGNVTAGK					Mascot
1174.5699	1174.5768	0.0069	6	93	103	DGVANVSIEDR					Mascot
1174.5699	1174.5768	0.0069	6	93	103	DGVANVSIEDR					Mascot
1367.7642	1367.7717	0.0075	5	104	116	VISLSGEHSIIGR	93	100			Mascot
1367.7642	1367.7717	0.0075	5	104	116	VISLSGEHSIIGR					Mascot
1512.7441	1512.7463	0.0022	1	11	24	GDGPVQGTIHFEQK	74	99.998			Mascot
1512.7441	1512.7463	0.0022	1	11	24	GDGPVQGTIHFEQK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Cu/Zn-superoxide dismutase	gi|201006	Mascot	16125.9	6.23	7	242	100	962813.25	100

Protein Group

PREDICTED: hypothetical protein isoform 4 [Mus musculus]	gi|82901591	16145.9	6.3400 001525 8789

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
859.4342	859.437	0.0028	3	117	123	TMVVHEK			Oxidation (M)[2]		Mascot
967.4228	967.4331	0.0103	11	72	80	HGGPADEER					Mascot

1001.5448	1001.529	-0.0158	-16	145	154	LACGVIGIAQ			Carbamidomethyl (C)[3]					Mascot
1095.5178	1095.5278	0.01	9	71	80	KHGGPADEER		12	0					Mascot
1095.5178	1095.5278	0.01	9	71	80	KHGGPADEER								Mascot
1167.6117	1167.6169	0.0052	4	81	92	HVGDLGNVTAGK		5	0					Mascot
1167.6117	1167.6169	0.0052	4	81	92	HVGDLGNVTAGK								Mascot
1367.7642	1367.7717	0.0075	5	104	116	VISLSGEHSIIGR		93	100					Mascot
1367.7642	1367.7717	0.0075	5	104	116	VISLSGEHSIIGR								Mascot
1512.7441	1512.7463	0.0022	1	11	24	GDGPVQGTIHFEQK		74	99.998					Mascot
1512.7441	1512.7463	0.0022	1	11	24	GDGPVQGTIHFEQK								Mascot

3	unnamed protein product [Mus musculus]	gi|26352239	Mascot	13402.1	11.63	3	94	99.995	962813.25	99.998		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1494.723	1494.7383	0.0153	10	35	48	GDAAHLCGSTPRPR			Carbamidomethyl (C)[7]		Mascot
1494.723	1494.7383	0.0153	10	35	48	GDAAHLCGSTPRPR			Carbamidomethyl (C)[7]		Mascot
1510.6638	1510.7488	0.085	56	112	124	CPCPTGSEPRGHR			Carbamidomethyl (C)[1,3]		Mascot
1512.7441	1512.7463	0.0022	1	11	24	GDGPVQGTIHFEQK	74	99.998			Mascot
1512.7441	1512.7463	0.0022	1	11	24	GDGPVQGTIHFEQK					Mascot

4	superoxide dismutase 1, soluble, isoform CRA_a [Mus musculus]	gi|148665968	Mascot	17370.3	11.97	3	91	99.99	962813.25	99.998		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1494.723	1494.7383	0.0153	10	69	82	GDAAHLCGSTPRPR			Carbamidomethyl (C)[7]		Mascot
1494.723	1494.7383	0.0153	10	69	82	GDAAHLCGSTPRPR			Carbamidomethyl (C)[7]		Mascot
1510.6638	1510.7488	0.085	56	146	158	CPCPTGSEPRGHR			Carbamidomethyl (C)[1,3]		Mascot
1512.7441	1512.7463	0.0022	1	45	58	GDGPVQGTIHFEQK	74	99.998			Mascot
1512.7441	1512.7463	0.0022	1	45	58	GDGPVQGTIHFEQK					Mascot

5	cut-like homeobox 1 isoform b [Mus musculus]	gi|110815859	Mascot	77342.8	5.32	11	42	0	962813.25			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
967.4996	967.4331	-0.0665	-69	551	558	FLQSYPGR					Mascot
1045.6187	1045.5647	-0.054	-52	608	616	LILSNKMAR					Mascot

1106.5073	1106.5465	0.0392	35	35	43	QDESEQSRK		Mascot
1349.6696	1349.73	0.0604	45	176	186	EQKLQNDFAEK		Mascot
1381.6992	1381.7854	0.0862	62	189	200	KLQETQMSTTSK		Mascot
1381.6992	1381.7854	0.0862	62	189	200	KLQETQMSTTSK		Mascot
1389.7883	1389.7499	-0.0384	-28	601	613	ATLGMGRLILSNK	Oxidation (M)[5]	Mascot
1534.8112	1534.7314	-0.0798	-52	139	151	EFAEVKNQEVTIK		Mascot
1534.8112	1534.7314	-0.0798	-52	139	151	EFAEVKNQEVTIK		Mascot
1548.6974	1548.7462	0.0488	32	1	13	MAANVGSMFQYWK	Oxidation (M)[1]	Mascot
1940.9858	1940.934	-0.0518	-27	523	539	MAQHTIQALQSELDSLR		Mascot
2211.2231	2211.1052	-0.1179	-53	284	304	APDVAIEVLTRSSLEVELAAK		Mascot
2233.0691	2233.0898	0.0207	9	23	42	ELDATATVLANRQDESEQSR		Mascot

Gel Idx/Pos	12/A23	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74196824	Mascot	58568.6	4.89	7	59	80.551	460076.66	41.543

Protein Group

ubiquilin 1 isoform 2 [Mus musculus]	gi|22726191	58640.6	4.8499999046 3257
unnamed protein product [Mus musculus]	gi|74224963	58641.6	4.8000001907 3486
unnamed protein product [Mus musculus]	gi|26339388	58568.6	4.8899998664 856

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1440.8209	1440.811	-0.0099	-7	62	74	SHIDQLVLIFAGK					Mascot
1674.881	1674.8804	-0.0006	0	249	264	ALSNLESIPGGYNALR	27	41.543			Mascot
1674.881	1674.8804	-0.0006	0	249	264	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8032	-0.0437	-25	213	227	NPEISHMLNNPDIMR					Mascot
1812.8368	1812.8309	-0.0059	-3	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1812.8368	1812.8309	-0.0059	-3	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1843.9518	1843.9528	0.001	1	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1843.9518	1843.9528	0.001	1	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9454	-0.0085	-4	512	527	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot
1995.9658	1995.9689	0.0031	2	37	53	EKEEFAVPENSSVQQFK					Mascot
2040.072	2040.0677	-0.0043	-2	528	547	EANLQALIATGGDINAAIER					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|26340006	Mascot	59459.1	5.05	7	58	80.098	460076.66	41.543

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1440.8209	1440.811	-0.0099	-7	35	47	SHIDQLVLIFAGK					Mascot
1674.881	1674.8804	-0.0006	0	222	237	ALSNLESIPGGYNALR	27	41.543			Mascot
1674.881	1674.8804	-0.0006	0	222	237	ALSNLESIPGGYNALR					Mascot

	1780.8469	1780.8032	-0.0437	-25	186	200	NPEISHMLNNPDIMR									Mascot
	1812.8368	1812.8309	-0.0059	-3	186	200	NPEISHMLNNPDIMR				Oxidation (M)[7,14]					Mascot
	1812.8368	1812.8309	-0.0059	-3	186	200	NPEISHMLNNPDIMR				Oxidation (M)[7,14]					Mascot
	1843.9518	1843.9528	0.001	1	171	185	QLIMANPQMQQLIQR				Oxidation (M)[4,9]					Mascot
	1843.9518	1843.9528	0.001	1	171	185	QLIMANPQMQQLIQR				Oxidation (M)[4,9]					Mascot
	1925.9539	1925.9454	-0.0085	-4	513	528	FQQQLEQLSAMGFLNR				Oxidation (M)[11]					Mascot
	1995.9658	1995.9689	0.0031	2	10	26	EKEEFAVPENSSVQQFK									Mascot
	2040.072	2040.0677	-0.0043	-2	529	548	EANLQALIATGGDINAAIER									Mascot

3	Ubqln1 protein [Mus musculus]	gi|51593731	Mascot	61927.2	4.86	7	57	74.362	460076.66	41.543	

Protein Group

RecName: Full=Ubiquilin-1; AltName: Full=Protein linking IAP with cytoskeleton 1; Short=PLIC-1	gi|48474876	61937.2	4.8600001335144

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1440.8209	1440.811	-0.0099	-7	62	74	SHIDQLVLIFAGK					Mascot
1674.881	1674.8804	-0.0006	0	249	264	ALSNLESIPGGYNALR	27	41.543			Mascot
1674.881	1674.8804	-0.0006	0	249	264	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8032	-0.0437	-25	213	227	NPEISHMLNNPDIMR					Mascot
1812.8368	1812.8309	-0.0059	-3	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1812.8368	1812.8309	-0.0059	-3	213	227	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1843.9518	1843.9528	0.001	1	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1843.9518	1843.9528	0.001	1	198	212	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9454	-0.0085	-4	540	555	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot
1995.9658	1995.9689	0.0031	2	37	53	EKEEFAVPENSSVQQFK					Mascot
2040.072	2040.0677	-0.0043	-2	556	575	EANLQALIATGGDINAAIER					Mascot

4	Similar to ubiquilin 1 [Mus musculus]	gi|30047889	Mascot	56495.5	4.96	6	52	18.925	460076.66	41.543	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1440.8209	1440.811	-0.0099	-7	10	22	SHIDQLVLIFAGK					Mascot
1674.881	1674.8804	-0.0006	0	197	212	ALSNLESIPGGYNALR	27	41.543			Mascot
1674.881	1674.8804	-0.0006	0	197	212	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8032	-0.0437	-25	161	175	NPEISHMLNNPDIMR					Mascot

	1812.8368	1812.8309	-0.0059	-3	161	175	NPEISHMLNNPDIMR				Oxidation (M)[7,14]					Mascot
	1812.8368	1812.8309	-0.0059	-3	161	175	NPEISHMLNNPDIMR				Oxidation (M)[7,14]					Mascot
	1843.9518	1843.9528	0.001	1	146	160	QLIMANPQMQQLIQR				Oxidation (M)[4,9]					Mascot
	1843.9518	1843.9528	0.001	1	146	160	QLIMANPQMQQLIQR				Oxidation (M)[4,9]					Mascot
	1925.9539	1925.9454	-0.0085	-4	488	503	FQQQLEQLSAMGFLNR				Oxidation (M)[11]					Mascot
	2040.072	2040.0677	-0.0043	-2	504	523	EANLQALIATGGDINAAIE R									Mascot
5	Ubqln1 protein [Mus musculus]					gi|16307349	Mascot	46729.6	4.62	5	50	0	460076.66	41.543		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1674.881	1674.8804	-0.0006	0	102	117	ALSNLESIPGGYNALR	27	41.543			Mascot
1674.881	1674.8804	-0.0006	0	102	117	ALSNLESIPGGYNALR					Mascot
1780.8469	1780.8032	-0.0437	-25	66	80	NPEISHMLNNPDIMR					Mascot
1812.8368	1812.8309	-0.0059	-3	66	80	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1812.8368	1812.8309	-0.0059	-3	66	80	NPEISHMLNNPDIMR			Oxidation (M)[7,14]		Mascot
1843.9518	1843.9528	0.001	1	51	65	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1843.9518	1843.9528	0.001	1	51	65	QLIMANPQMQQLIQR			Oxidation (M)[4,9]		Mascot
1925.9539	1925.9454	-0.0085	-4	393	408	FQQQLEQLSAMGFLNR			Oxidation (M)[11]		Mascot
2040.072	2040.0677	-0.0043	-2	409	428	EANLQALIATGGDINAAIE R					Mascot

Gel Idx/Pos	26/A24	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12837801	Mascot	21555.6	8.48	5	102	100	331858.19	99.999

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1045.5538	1045.5669	0.0131	13	129	136	ERTHFTVR					Mascot
1155.662	1155.6654	0.0034	3	167	176	LVESLPQEIK					Mascot
1283.757	1283.7595	0.0025	2	166	176	KLVESLPQEIK					Mascot
1283.757	1283.7595	0.0025	2	166	176	KLVESLPQEIK					Mascot
1346.7427	1346.7385	-0.0042	-3	154	165	NYVQGINLVQAK	61	99.977			Mascot
1346.7427	1346.7385	-0.0042	-3	154	165	NYVQGINLVQAK					Mascot
1353.7009	1353.6925	-0.0084	-6	46	59	SEALAGAPLDNAPK	12	0			Mascot
1353.7009	1353.6925	-0.0084	-6	46	59	SEALAGAPLDNAPK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mitochondrial ribosomal protein L12 [Mus musculus]	gi|22164792	Mascot	21808.9	9.34	5	99	99.998	331858.19	99.999

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1045.5538	1045.5669	0.0131	13	129	136	ERTHFTVR					Mascot
1155.662	1155.6654	0.0034	3	167	176	LVESLPQEIK					Mascot
1283.757	1283.7595	0.0025	2	166	176	KLVESLPQEIK					Mascot
1283.757	1283.7595	0.0025	2	166	176	KLVESLPQEIK					Mascot
1346.7427	1346.7385	-0.0042	-3	154	165	NYVQGINLVQAK	61	99.977			Mascot
1346.7427	1346.7385	-0.0042	-3	154	165	NYVQGINLVQAK					Mascot
1353.7009	1353.6925	-0.0084	-6	46	59	SEALAGAPLDNAPK	12	0			Mascot
1353.7009	1353.6925	-0.0084	-6	46	59	SEALAGAPLDNAPK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	mitochondrial ribosomal protein L12 [Mus musculus]	gi|148702808	Mascot	23161.5	9.19	5	99	99.998	331858.19	99.999

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

1045.5538	1045.5669	0.0131	13	142	149	ERTHFTVR								Mascot
1155.662	1155.6654	0.0034	3	180	189	LVESLPQEIK								Mascot
1283.757	1283.7595	0.0025	2	179	189	KLVESLPQEIK								Mascot
1283.757	1283.7595	0.0025	2	179	189	KLVESLPQEIK								Mascot
1346.7427	1346.7385	-0.0042	-3	167	178	NYVQGINLVQAK		61	99.977					Mascot
1346.7427	1346.7385	-0.0042	-3	167	178	NYVQGINLVQAK								Mascot
1353.7009	1353.6925	-0.0084	-6	59	72	SEALAGAPLDNAPK		12	0					Mascot
1353.7009	1353.6925	-0.0084	-6	59	72	SEALAGAPLDNAPK								Mascot

4	mCG60047 [Mus musculus]	gi|148706760	Mascot	40221.7	6.04	6	29	0	331858.19		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
832.3795	832.3239	-0.0556	-67	67	73	QAAEEER					Mascot
868.5978	868.5435	-0.0543	-63	122	128	LLIQIIR					Mascot
892.4774	892.5244	0.047	53	278	284	LDEFLQK					Mascot
1283.6855	1283.7595	0.074	58	285	294	ETFLRDIHPR					Mascot
1283.6855	1283.7595	0.074	58	285	294	ETFLRDIHPR					Mascot
2211.134	2211.1038	-0.0302	-14	290	309	DIHPRIIAQPSMDTSGLGFR					Mascot
2239.1929	2239.1377	-0.0552	-25	40	59	AEELAVQQQEIGVLREEVAK					Mascot
2239.1929	2239.1377	-0.0552	-25	40	59	AEELAVQQQEIGVLREEVAK					Mascot

5	PREDICTED: similar to doublesex and mab-3 related transcription factor 8.2 [Mus musculus]	gi|149272067	Mascot	15042.5	8.47	4	28	0	331858.19		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4686	864.4964	0.0278	32	31	37	HETRPPK					Mascot
1169.6888	1169.6711	-0.0177	-15	73	83	LEAAEALLALR					Mascot
1297.7838	1297.769	-0.0148	-11	72	83	KLEAAEALLALR					Mascot
1368.6655	1368.7211	0.0556	41	60	71	HDSVAAAVEWQR					Mascot
1368.6655	1368.7211	0.0556	41	60	71	HDSVAAAVEWQR					Mascot

Gel Idx/Pos	27/B1	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	PREDICTED: similar to Acidic ribosomal phosphoprotein P0 [Mus musculus]	gi|94383772	Mascot	34365.8	5.91	11	345	100	719305.62	100

Protein Group

Ribosomal protein, large, P0 [Mus musculus]	gi|13277927	34335.8	5.9099998474 1211

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
819.4141	819.4224	0.0083	10	39	44	QMQQIR			Oxidation (M)[2]		Mascot
875.4468	875.4551	0.0083	9	93	99	EDLTEIR					Mascot
968.52	968.5197	-0.0003	0	84	92	GNVGFVFTK	76	99.999			Mascot
968.52	968.5197	-0.0003	0	84	92	GNVGFVFTK					Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK	39	95.264			Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK					Mascot
1221.6222	1221.6198	-0.0024	-2	67	77	GHLENNPALEK					Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK	3	0	Carbamidomethyl (C)[1]		Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK			Carbamidomethyl (C)[1]		Mascot
1313.7101	1313.7025	-0.0076	-6	135	146	TSFFQALGITTK	81	100			Mascot
1313.7101	1313.7025	-0.0076	-6	135	146	TSFFQALGITTK					Mascot
1676.8524	1676.8463	-0.0061	-4	93	106	EDLTEIRDMLLANK			Oxidation (M)[9]		Mascot
1910.0157	1910.0121	-0.0036	-2	248	264	VLALSVETEYTFPLAEK					Mascot
2180.1016	2180.1008	-0.0008	0	113	134	AGAIAPCEVTVPAQNTGLGPEK	16	0	Carbamidomethyl (C)[7]		Mascot
2180.1016	2180.1008	-0.0008	0	113	134	AGAIAPCEVTVPAQNTGLGPEK			Carbamidomethyl (C)[7]		Mascot
2696.4043	2696.4182	0.0139	5	267	297	AFLADPSAFAAAAPAAAATTAAPAAAAAPAK	54	99.828			Mascot
2696.4043	2696.4182	0.0139	5	267	297	AFLADPSAFAAAAPAAAATTAAPAAAAAPAK					Mascot

2	ribosomal protein, large, P0 [Mus musculus]	gi|6671569	Mascot	34365.8	5.91	10	332	100	719305.62	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

819.4141	819.4224	0.0083	10	39	44	QMQQIR			Oxidation (M)[2]					Mascot
875.4468	875.4551	0.0083	9	93	99	EDLTEIR								Mascot
968.52	968.5197	-0.0003	0	84	92	GNVGFVFTK		76	99.999					Mascot
968.52	968.5197	-0.0003	0	84	92	GNVGFVFTK								Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK		39	95.264					Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK								Mascot
1221.6222	1221.6198	-0.0024	-2	67	77	GHLENNPALEK								Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK		3	0	Carbamidomethyl (C)[1]				Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK				Carbamidomethyl (C)[1]				Mascot
1313.7101	1313.7025	-0.0076	-6	135	146	TSFFQALGITTK		81	100					Mascot
1313.7101	1313.7025	-0.0076	-6	135	146	TSFFQALGITTK								Mascot
1676.8524	1676.8463	-0.0061	-4	93	106	EDLTEIRDMLLANK				Oxidation (M)[9]				Mascot
2180.1016	2180.1008	-0.0008	0	113	134	AGAIAPCEVTVPAQNTGLGPEK		16	0	Carbamidomethyl (C)[7]				Mascot
2180.1016	2180.1008	-0.0008	0	113	134	AGAIAPCEVTVPAQNTGLGPEK				Carbamidomethyl (C)[7]				Mascot
2696.4043	2696.4182	0.0139	5	267	297	AFLADPSAFAAAAPAAAATTAAPAAAAAPAK		54	99.828					Mascot
2696.4043	2696.4182	0.0139	5	267	297	AFLADPSAFAAAAPAAAATTAAPAAAAAPAK								Mascot

3	mCG121637 [Mus musculus]	gi|148678339	Mascot	33054.8	7.52	7	181	100	719305.62	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
819.3777	819.4224	0.0447	55	1	6	MPREDR			Oxidation (M)[1]		Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK	39	95.264			Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK					Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK	3	0	Carbamidomethyl (C)[1]		Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK			Carbamidomethyl (C)[1]		Mascot
1313.7101	1313.7025	-0.0076	-6	135	146	TSFFQALGITTK	81	100			Mascot
1313.7101	1313.7025	-0.0076	-6	135	146	TSFFQALGITTK					Mascot
1676.8854	1676.8463	-0.0391	-23	93	106	EDFTEIRDILLANK					Mascot
1910.0157	1910.0121	-0.0036	-2	248	264	VLALSVETEYTFPLAEK					Mascot
2180.1016	2180.1008	-0.0008	0	113	134	AGAIAPCEVTVPAQNTGLGPEK	16	0	Carbamidomethyl (C)[7]		Mascot
2180.1016	2180.1008	-0.0008	0	113	134	AGAIAPCEVTVPAQNTGLGPEK			Carbamidomethyl (C)[7]		Mascot

4	PREDICTED: similar to Acidic ribosomal phosphoprotein P0 [Mus musculus]	gi|94369748	Mascot	34424	8.25	7	144	100	719305.62	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
819.4141	819.4224	0.0083	10	39	44	QMQQIR			Oxidation (M)[2]		Mascot
875.4468	875.4551	0.0083	9	93	99	EDLTEIR					Mascot
968.52	968.5197	-0.0003	0	84	92	GNVGFVFTK	76	99.999			Mascot
968.52	968.5197	-0.0003	0	84	92	GNVGFVFTK					Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK	39	95.264			Mascot
1217.6776	1217.6731	-0.0045	-4	17	26	IIQLLDDYPK					Mascot
1221.6222	1221.6198	-0.0024	-2	67	77	GHLENNPALEK					Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK	3	0	Carbamidomethyl (C)[1]		Mascot
1266.6147	1266.611	-0.0037	-3	27	38	CFIVGADNVGSK			Carbamidomethyl (C)[1]		Mascot
1910.0157	1910.0121	-0.0036	-2	248	264	VLALSVETEYTFPLAEK					Mascot

5	mCG129415 [Mus musculus]		gi|148665907	Mascot	16747.6	5.73	1	86	99.965	719305.62	100			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1313.7101	1313.7025	-0.0076	-6	35	46	TSFFQALGITTK	81	100			Mascot
1313.7101	1313.7025	-0.0076	-6	35	46	TSFFQALGITTK					Mascot

Gel Idx/Pos	39/B2	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	5	40	0	335161.78	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5283	-0.0332	-39	27	33	LKVLLDR					Mascot
1045.5823	1045.5659	-0.0164	-16	20	28	NMGIDVRLK					Mascot
1570.837	1570.838	0.001	1	1	15	MAQGKVASLGPVEQR					Mascot
1735.8506	1735.8616	0.011	6	41	55	QQLLGGYDMLMNPQK					Mascot
1735.8506	1735.8616	0.011	6	41	55	QQLLGGYDMLMNPQK					Mascot
2225.0513	2225.1184	0.0671	30	41	59	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	RIKEN cDNA 2410091C18 gene [Mus musculus]	gi|20307022	Mascot	11034.6	9.3	4	31	0	335161.78	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1045.5823	1045.5659	-0.0164	-16	20	28	NMGIDVRLK					Mascot
1570.837	1570.838	0.001	1	1	15	MAQGKVASLGPVEQR					Mascot
1735.8506	1735.8616	0.011	6	41	55	QQLLGGYDMLMNPQK					Mascot
1735.8506	1735.8616	0.011	6	41	55	QQLLGGYDMLMNPQK					Mascot
2225.0513	2225.1184	0.0671	30	41	59	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|26354064	Mascot	54723.5	7.84	6	29	0	335161.78	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4893	850.523	0.0337	40	233	239	KQQPPPR					Mascot
1515.7261	1515.7264	0.0003	0	1	13	MYIFGGTVDNNIR			Oxidation (M)[1]		Mascot
1940.8994	1940.932	0.0326	17	206	220	ESHFNQVIMMKEFER			Oxidation (M)[9]		Mascot
2091.9917	2092.063	0.0713	34	2	19	YIFGGTVDNNIRSGEMYR					Mascot
2210.988	2211.1077	0.1197	54	299	318	SFMPEDGQVNISMGEMV					Mascot

							PSR								
	2239.0271	2239.1382	0.1111	50	1	19	MYIFGGTVDNNIRSGEMY R			4	0	Oxidation (M)[1]			Mascot
	2239.0271	2239.1382	0.1111	50	1	19	MYIFGGTVDNNIRSGEMY R					Oxidation (M)[1]			Mascot
4	ankyrin repeat domain 12, isoform CRA_b [Mus musculus]					gi|148706369		Mascot	9984.1	4.92	3	27	0	335161.78	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1493.7893	1493.7672	-0.0221	-15	9	20	MQVRNLYLPTSR			Oxidation (M)[1]		Mascot
1493.7893	1493.7672	-0.0221	-15	9	20	MQVRNLYLPTSR			Oxidation (M)[1]		Mascot
1515.7407	1515.7264	-0.0143	-9	1	12	MPQDLHTKMQVR			Oxidation (M)[1,9]		Mascot
2233.1836	2233.0918	-0.0918	-41	31	49	QQHEAAALNAVQRLEWQ LK					Mascot

5	mCG1049955 [Mus musculus]					gi|148705082		Mascot	9401	10.8	3	26	0	335161.78	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
966.5003	966.5073	0.007	7	2	10	SNIADPPPR					Mascot
1113.5358	1113.5623	0.0265	24	1	10	MSNIADPPPR			Oxidation (M)[1]		Mascot
2239.2268	2239.1382	-0.0886	-40	11	30	SISALGISSNVYMLFVPLR R			Oxidation (M)[13]		Mascot
2239.2268	2239.1382	-0.0886	-40	11	30	SISALGISSNVYMLFVPLR R			Oxidation (M)[13]		Mascot

Gel Idx/Pos	28/B3	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	put. beta-actin (aa 27-375) [Mus musculus]	gi|49868	Mascot	39445.8	5.78	9	288	100	934189.12	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5308	0.0038	3	171	180	GYSFTTTAER	0	0			Mascot
1132.527	1132.5308	0.0038	3	171	180	GYSFTTTAER					Mascot
1515.7491	1515.7506	0.0015	1	59	69	IWHHTFYNELR					Mascot
1516.7028	1516.7129	0.0101	7	334	346	QEYDESGPSIVHR	66	99.989			Mascot
1516.7028	1516.7129	0.0101	7	334	346	QEYDESGPSIVHR					Mascot
1790.892	1790.8918	-0.0002	0	213	228	SYELPDGQVITIGNER	103	100			Mascot
1790.892	1790.8918	-0.0002	0	213	228	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0613	-0.0032	-2	70	87	VAPEEHPVLLTEAPLNPK	57	99.922			Mascot
1954.0645	1954.0613	-0.0032	-2	70	87	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0698	0.0049	2	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0698	0.0049	2	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2359.1599	2359.1624	0.0025	1	265	286	KDLYANTVLSGGTTMYPGIADR			Oxidation (M)[15]		Mascot
2566.1687	2566.1702	0.0015	1	190	212	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3071	-0.1201	-44	310	333	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot
2	unnamed protein product [Mus musculus]	gi|74187644	Mascot	42052.9	5.23	9	286	100	934189.12	100

Protein Group

A-X actin	gi|309090	42008.8	5.2100000381 4697
gamma-actin [Mus musculus]	gi|809561	41334.6	5.5599999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5308	0.0038	3	197	206	GYSFTTTAER	0	0			Mascot

1132.527	1132.5308	0.0038	3	197	206	GYSFTTTAER							Mascot
1515.7491	1515.7506	0.0015	1	85	95	IWHHTFYNELR							Mascot
1516.7028	1516.7129	0.0101	7	360	372	QEYDESGPSIVHR		66	99.989				Mascot
1516.7028	1516.7129	0.0101	7	360	372	QEYDESGPSIVHR							Mascot
1790.892	1790.8918	-0.0002	0	239	254	SYELPDGQVITIGNER		103	100				Mascot
1790.892	1790.8918	-0.0002	0	239	254	SYELPDGQVITIGNER							Mascot
1954.0645	1954.0613	-0.0032	-2	96	113	VAPEEHPVLLTEAPLNPK		57	99.922				Mascot
1954.0645	1954.0613	-0.0032	-2	96	113	VAPEEHPVLLTEAPLNPK							Mascot
2231.0649	2231.0698	0.0049	2	292	312	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]			Mascot
2231.0649	2231.0698	0.0049	2	292	312	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]			Mascot
2359.1599	2359.1624	0.0025	1	291	312	KDLYANTVLSGGTTMYPGIADR				Oxidation (M)[15]			Mascot
2566.1687	2566.1702	0.0015	1	216	238	LCYVALDFEQEMATAASSSSLEK				Carbamidomethyl (C)[2], Oxidation (M)[12]			Mascot
2746.4272	2746.3071	-0.1201	-44	336	359	KYSVWIGGSILASLSTFQQMWISK				Oxidation (M)[20]			Mascot

3	unnamed protein product [Mus musculus]	gi|74214757	Mascot	42115	5.9	9	285	100	934189.12	100	

Protein Group

actin, gamma 1 propeptide [Homo sapiens]	gi|4501887	42107.9	5.3099999427 7954
beta actin [Homo sapiens]	gi|4501885	42051.9	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74151709	42046	6.0300002098 0835
unnamed protein product [Mus musculus]	gi|74151948	42023.8	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74191564	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74213524	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74207178	42087	5.9000000953 6743

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5308	0.0038	3	196	205	GYSFTTTAER	0	0			Mascot
1132.527	1132.5308	0.0038	3	196	205	GYSFTTTAER					Mascot

	1515.7491	1515.7506	0.0015	1	84	94	IWHHTFYNELR								Mascot
	1516.7028	1516.7129	0.0101	7	359	371	QEYDESGPSIVHR		66	99.989					Mascot
	1516.7028	1516.7129	0.0101	7	359	371	QEYDESGPSIVHR								Mascot
	1790.892	1790.8918	-0.0002	0	238	253	SYELPDGQVITIGNER		103	100					Mascot
	1790.892	1790.8918	-0.0002	0	238	253	SYELPDGQVITIGNER								Mascot
	1954.0645	1954.0613	-0.0032	-2	95	112	VAPEEHPVLLTEAPLNPK		57	99.922					Mascot
	1954.0645	1954.0613	-0.0032	-2	95	112	VAPEEHPVLLTEAPLNPK								Mascot
	2231.0649	2231.0698	0.0049	2	291	311	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]				Mascot
	2231.0649	2231.0698	0.0049	2	291	311	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]				Mascot
	2359.1599	2359.1624	0.0025	1	290	311	KDLYANTVLSGGTTMYPGIADR				Oxidation (M)[15]				Mascot
	2566.1687	2566.1702	0.0015	1	215	237	LCYVALDFEQEMATAASSSSLEK				Carbamidomethyl (C)[2], Oxidation (M)[12]				Mascot
	2746.4272	2746.3071	-0.1201	-44	335	358	KYSVWIGGSILASLSTFQQMWISK				Oxidation (M)[20]				Mascot
4	unnamed protein product [Mus musculus]						gi|74190672	Mascot	42079.9	5.37	9	284	100	934189.12	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5308	0.0038	3	197	206	GYSFTTTAER	0	0			Mascot
1132.527	1132.5308	0.0038	3	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7506	0.0015	1	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7129	0.0101	7	360	372	QEYDESGPSIVHR	66	99.989			Mascot
1516.7028	1516.7129	0.0101	7	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8918	-0.0002	0	239	254	SYELPDGQVITIGNER	103	100			Mascot
1790.892	1790.8918	-0.0002	0	239	254	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0613	-0.0032	-2	96	113	VAPEEHPVLLTEAPLNPK	57	99.922			Mascot
1954.0645	1954.0613	-0.0032	-2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0698	0.0049	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0698	0.0049	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2359.1599	2359.1624	0.0025	1	291	312	KDLYANTVLSGGTTMYPGIADR			Oxidation (M)[15]		Mascot
2566.1687	2566.1702	0.0015	1	216	238	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3071	-0.1201	-44	336	359	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot
5	unnamed protein product [Mus musculus]					gi|74191566	Mascot	42125.9	5.3	8	275	100	934189.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5308	0.0038	3	197	206	GYSFTTTAER	0	0			Mascot
1132.527	1132.5308	0.0038	3	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7506	0.0015	1	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7129	0.0101	7	360	372	QEYDESGPSIVHR	66	99.997			Mascot
1516.7028	1516.7129	0.0101	7	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8918	-0.0002	0	239	254	SYELPDGQVITIGNER	103	100			Mascot
1790.892	1790.8918	-0.0002	0	239	254	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0613	-0.0032	-2	96	113	VAPEEHPVLLTEAPLNPK	57	99.979			Mascot
1954.0645	1954.0613	-0.0032	-2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0698	0.0049	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0698	0.0049	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2359.1599	2359.1624	0.0025	1	291	312	KDLYANTVLSGGTTMYPGIADR			Oxidation (M)[15]		Mascot
2566.1687	2566.1702	0.0015	1	216	238	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot

Gel Idx/Pos	40/B4	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	6

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	plasminogen activator inhibitor-2 [Mus musculus]	gi|3243007	Mascot	4403.2	4.07	3	36	0	326868.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.5365	1106.532	-0.0045	-4	30	38	WISKDTLDE					Mascot
1610.8325	1610.8947	0.0622	39	21	33	EINFANFNKWISK					Mascot
2239.2068	2239.1355	-0.0713	-32	1	20	LLLLPDEIEDASTGLELLER					Mascot
2239.2068	2239.1355	-0.0713	-32	1	20	LLLLPDEIEDASTGLELLER					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|1334240	Mascot	6625.4	6.07	3	29	0	326868.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
885.4676	885.4536	-0.014	-16	51	59	TSAQPTAIP					Mascot
1183.614	1183.626	0.012	10	11	21	LPSGSDHVMLK					Mascot
1713.9071	1713.8552	-0.0519	-30	44	59	AAHFVFRTSAQPTAIP					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74138653	Mascot	60038.1	5.73	8	27	0	326868.81	

Protein Group

chaperonin containing Tcp1, subunit 5 (epsilon) [Mus musculus]	gi|6671702	60042.1	5.7199997901 9165
mKIAA0098 protein [Mus musculus]	gi|37359776	60143.1	5.7199997901 9165
unnamed protein product [Mus musculus]	gi|74150417	60100.1	5.6500000953 6743
unnamed protein product [Mus musculus]	gi|74202019	60023.1	5.6900000572 2046
unnamed protein product [Mus musculus]	gi|74204298	60043.1	5.6500000953 6743
unnamed protein product [Mus musculus]	gi|74219490	60045.1	5.7199

997901
9165

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
819.5087	819.5165	0.0078	10	382	388	AVTIFIR					Mascot
885.4359	885.4536	0.0177	20	177	183	VINSCHR			Carbamidomethyl (C)[5]		Mascot
1093.5272	1093.5311	0.0039	4	133	142	IADGYEQAAR					Mascot
1183.6252	1183.626	0.0008	1	401	410	SLHDALCVIR			Carbamidomethyl (C)[7]		Mascot
1290.6835	1290.6814	-0.0021	-2	515	525	QQISLATQMVR			Oxidation (M)[9]		Mascot
1610.8975	1610.8947	-0.0028	-2	248	261	IAILTCPFEPPKPK			Carbamidomethyl (C)[6]		Mascot
1653.8848	1653.8737	-0.0111	-7	353	368	LGFAGVVQEISFGTTK					Mascot
1713.8629	1713.8552	-0.0077	-4	227	241	GVIVDKDFSHPQMPK			Oxidation (M)[13]		Mascot

4	ubiquitin-conjugating enzyme E2 variant 1 [Mus musculus]	gi|122889475	Mascot	11774.9	5.81	4	27	0	326868.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
870.5407	870.5449	0.0042	5	77	83	VILQELR					Mascot
1290.6835	1290.6814	-0.0021	-2	1	13	MAATTGSGVKVPR			Oxidation (M)[1]		Mascot
1610.8472	1610.8947	0.0475	29	48	61	WTGMIIGPPRVDPR			Oxidation (M)[4]		Mascot
1653.9071	1653.8737	-0.0334	-20	62	76	ATAVLAKWQNSHSIK					Mascot

5	mCG53849 [Mus musculus]	gi|148704547	Mascot	35697.3	9.36	5	25	0	326868.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
819.4644	819.5165	0.0521	64	191	197	LSVEMIK					Mascot
885.4465	885.4536	0.0071	8	308	314	WHTLLES					Mascot
1093.5055	1093.5311	0.0256	23	299	307	ESKGQQTCR			Carbamidomethyl (C)[8]		Mascot
1713.8087	1713.8552	0.0465	27	122	135	LFCLSHLHPEGEMK			Carbamidomethyl (C)[3], Oxidation (M)[13]		Mascot
2299.1211	2299.1758	0.0547	24	209	228	APDTYGKLFLLNCVGQEMSR			Carbamidomethyl (C)[13]		Mascot

Gel Idx/Pos	29/B5	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	stathmin [Mus musculus]	gi|14625464	Mascot	17205.9	5.95	3	74	99.439	766001.62	99.982

Protein Group

stathmin 1 [Mus musculus]	gi|9789995	17263.9	5.7600002288184
unnamed protein product [Mus musculus]	gi|26353666	17336.9	5.7600002288184
unnamed protein product [Mus musculus]	gi|12832714	17324	5.7600002288184
unnamed protein product [Mus musculus]	gi|12851772	17396	5.9499998092 6514

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
945.4999	945.5052	0.0053	6	53	60	KLEAAEER					Mascot
1165.5485	1165.5461	-0.0024	-2	86	95	AIEENNNFSK					Mascot
1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR	63	99.982			Mascot
1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR					Mascot

2	unnamed protein product [Mus musculus]	gi|12850583	Mascot	17339.9	5.76	3	72	99.189	766001.62	99.973

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
945.4999	945.5052	0.0053	6	53	60	KLEAAEER					Mascot
1165.5485	1165.5461	-0.0024	-2	86	95	AIEENNNFSK					Mascot
1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR	63	99.982			Mascot
1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR					Mascot

3	mCG12955, isoform CRA_b [Mus musculus]	gi|148698063	Mascot	13377	5.9	2	72	99.047	766001.62	99.982

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	945.4999	945.5052	0.0053	6	53	60	KLEAAEER									Mascot
	1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR			63	99.982					Mascot
	1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR									Mascot
4	PREDICTED: similar to Pr22 isoform 1 [Mus musculus]						gi|149252580	Mascot	17264.9	5.6	2	70	98.591	766001.62	99.982	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
945.4999	945.5052	0.0053	6	53	60	KLEAAEER					Mascot
1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR	63	99.982			Mascot
1388.7533	1388.7521	-0.0012	-1	15	27	ASGQAFELILSPR					Mascot
5	mCG140959, isoform CRA_g [Mus musculus]					gi|148692630	Mascot	17958.6	4.52	5	57	74.362	766001.62	0	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1025.5051	1025.5135	0.0084	8	15	22	EAFQLFDR	21	0			Mascot
1025.5051	1025.5135	0.0084	8	15	22	EAFQLFDR					Mascot
1357.6239	1357.6217	-0.0022	-2	28	38	ILYSQCGDVMR			Carbamidomethyl (C)[6], Oxidation (M)[10]		Mascot
1544.6864	1544.6874	0.001	1	83	95	DQGTYEDYVEGLR					Mascot
1738.8429	1738.8429	0	0	96	111	VFDKEGNGTVMGAEIR			Oxidation (M)[11]		Mascot
1786.8242	1786.8281	0.0039	2	81	95	NKDQGTYEDYVEGLR					Mascot
1786.8242	1786.8281	0.0039	2	81	95	NKDQGTYEDYVEGLR					Mascot

Gel Idx/Pos	41/B6	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	triosephosphate isomerase 1 [Mus musculus]	gi|6678413	Mascot	27037.9	6.9	12	240	100	824213.06	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4669	850.4792	0.0123	14	143	149	VVFEQTK					Mascot
954.4832	954.4886	0.0054	6	7	14	FFVGGNWK					Mascot
1137.5721	1137.5707	-0.0014	-1	60	69	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1137.5721	1137.5707	-0.0014	-1	60	69	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1247.5975	1247.5999	0.0024	2	195	206	SNVNDGVAQSTR					Mascot
1326.6722	1326.6664	-0.0058	-4	207	219	IIYGGSVTGATCK			Carbamidomethyl (C)[12]		Mascot
1458.7224	1458.7161	-0.0063	-4	101	113	HVFGESDELIGQK	51	99.59			Mascot
1458.7224	1458.7161	-0.0063	-4	101	113	HVFGESDELIGQK					Mascot
1466.7234	1466.7196	-0.0038	-3	176	188	TATPQQAQEVHEK	5	0			Mascot
1466.7234	1466.7196	-0.0038	-3	176	188	TATPQQAQEVHEK					Mascot
1539.7915	1539.7861	-0.0054	-4	86	99	DLGATWVVLGHSER					Mascot
1602.889	1602.8784	-0.0106	-7	161	175	VVLAYEPVWAIGTGK					Mascot
1614.8235	1614.8232	-0.0003	0	100	113	RHVFGESDELIGQK					Mascot
1614.8235	1614.8232	-0.0003	0	100	113	RHVFGESDELIGQK					Mascot
1637.8204	1637.8148	-0.0056	-3	70	85	VTNGAFTGEISPGMIK	78	100	Oxidation (M)[14]		Mascot
1637.8204	1637.8148	-0.0056	-3	70	85	VTNGAFTGEISPGMIK			Oxidation (M)[14]		Mascot
1823.9684	1823.9639	-0.0045	-2	114	131	VSHALAEGLGVIACIGEK			Carbamidomethyl (C)[14]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	triosephosphate isomerase [Mus musculus]	gi|1864018	Mascot	22719.7	5.62	11	236	100	824213.06	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4669	850.4792	0.0123	14	104	110	VVFEQTK					Mascot
1137.5721	1137.5707	-0.0014	-1	21	30	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1137.5721	1137.5707	-0.0014	-1	21	30	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1247.5975	1247.5999	0.0024	2	156	167	SNVNDGVAQSTR					Mascot

1326.6722	1326.6664	-0.0058	-4	168	180	IIYGGSVTGATCK			Carbamidomethyl (C)[12]					Mascot
1458.7224	1458.7161	-0.0063	-4	62	74	HVFGESDELIGQK		51	99.59					Mascot
1458.7224	1458.7161	-0.0063	-4	62	74	HVFGESDELIGQK								Mascot
1466.7234	1466.7196	-0.0038	-3	137	149	TATPQQAQEVHEK		5	0					Mascot
1466.7234	1466.7196	-0.0038	-3	137	149	TATPQQAQEVHEK								Mascot
1539.7915	1539.7861	-0.0054	-4	47	60	DLGATWVVLGHSER								Mascot
1602.889	1602.8784	-0.0106	-7	122	136	VVLAYEPVWAIGTGK								Mascot
1614.8235	1614.8232	-0.0003	0	61	74	RHVFGESDELIGQK								Mascot
1614.8235	1614.8232	-0.0003	0	61	74	RHVFGESDELIGQK								Mascot
1637.8204	1637.8148	-0.0056	-3	31	46	VTNGAFTGEISPGMIK		78	100	Oxidation (M)[14]				Mascot
1637.8204	1637.8148	-0.0056	-3	31	46	VTNGAFTGEISPGMIK				Oxidation (M)[14]				Mascot
1823.9684	1823.9639	-0.0045	-2	75	92	VSHALAEGLGVIACIGEK				Carbamidomethyl (C)[14]				Mascot

3 mCG134299, isoform CRA_b [Mus musculus] gi|148667348 Mascot 32526.4 5.56 12 231 100 824213.06 100

Protein Group

mCG134299, isoform CRA_a [Mus musculus] gi|148667347 32684.5 5.5599999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4669	850.4792	0.0123	14	191	197	VVFEQTK					Mascot
954.4832	954.4886	0.0054	6	57	64	FFVGGNWK					Mascot
1137.5721	1137.5707	-0.0014	-1	108	117	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1137.5721	1137.5707	-0.0014	-1	108	117	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1247.5975	1247.5999	0.0024	2	243	254	SNVNDGVAQSTR					Mascot
1326.6722	1326.6664	-0.0058	-4	255	267	IIYGGSVTGATCK			Carbamidomethyl (C)[12]		Mascot
1458.7224	1458.7161	-0.0063	-4	149	161	HVFGESDELIGQK		51	99.59		Mascot
1458.7224	1458.7161	-0.0063	-4	149	161	HVFGESDELIGQK					Mascot
1466.7234	1466.7196	-0.0038	-3	224	236	TATPQQAQEVHEK		5	0		Mascot
1466.7234	1466.7196	-0.0038	-3	224	236	TATPQQAQEVHEK					Mascot
1539.7915	1539.7861	-0.0054	-4	134	147	DLGATWVVLGHSER					Mascot
1602.889	1602.8784	-0.0106	-7	209	223	VVLAYEPVWAIGTGK					Mascot
1614.8235	1614.8232	-0.0003	0	148	161	RHVFGESDELIGQK					Mascot
1614.8235	1614.8232	-0.0003	0	148	161	RHVFGESDELIGQK					Mascot
1637.8204	1637.8148	-0.0056	-3	118	133	VTNGAFTGEISPGMIK		78	100	Oxidation (M)[14]		Mascot
1637.8204	1637.8148	-0.0056	-3	118	133	VTNGAFTGEISPGMIK				Oxidation (M)[14]		Mascot

	1823.9684	1823.9639	-0.0045	-2	162	179	VSHALAEGLGVIACIGEK				Carbamidomethyl (C)[14]				Mascot
4	unnamed protein product [Mus musculus]						gi|74222020	Mascot	27047.9	6.9	11	228	100	824213.06	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4669	850.4792	0.0123	14	143	149	VVFEQTK					Mascot
954.4832	954.4886	0.0054	6	7	14	FFVGGNWK					Mascot
1137.5721	1137.5707	-0.0014	-1	60	69	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1137.5721	1137.5707	-0.0014	-1	60	69	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1326.6722	1326.6664	-0.0058	-4	207	219	IIYGGSVTGATCK			Carbamidomethyl (C)[12]		Mascot
1458.7224	1458.7161	-0.0063	-4	101	113	HVFGESDELIGQK	51	99.59			Mascot
1458.7224	1458.7161	-0.0063	-4	101	113	HVFGESDELIGQK					Mascot
1466.7234	1466.7196	-0.0038	-3	176	188	TATPQQAQEVHEK	5	0			Mascot
1466.7234	1466.7196	-0.0038	-3	176	188	TATPQQAQEVHEK					Mascot
1539.7915	1539.7861	-0.0054	-4	86	99	DLGATWVVLGHSER					Mascot
1602.889	1602.8784	-0.0106	-7	161	175	VVLAYEPVWAIGTGK					Mascot
1614.8235	1614.8232	-0.0003	0	100	113	RHVFGESDELIGQK					Mascot
1614.8235	1614.8232	-0.0003	0	100	113	RHVFGESDELIGQK					Mascot
1637.8204	1637.8148	-0.0056	-3	70	85	VTNGAFTGEISPGMIK	78	100	Oxidation (M)[14]		Mascot
1637.8204	1637.8148	-0.0056	-3	70	85	VTNGAFTGEISPGMIK			Oxidation (M)[14]		Mascot
1823.9684	1823.9639	-0.0045	-2	114	131	VSHALAEGLGVIACIGEK			Carbamidomethyl (C)[14]		Mascot
5	unnamed protein product [Mus musculus]						gi|12846508	Mascot	27108.9	6.9	11	228	100	824213.06	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
850.4669	850.4792	0.0123	14	143	149	VVFEQTK					Mascot
954.4832	954.4886	0.0054	6	7	14	FFVGGNWK					Mascot
1137.5721	1137.5707	-0.0014	-1	60	69	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1137.5721	1137.5707	-0.0014	-1	60	69	IAVAAQNCYK			Carbamidomethyl (C)[8]		Mascot
1247.5975	1247.5999	0.0024	2	195	206	SNVNDGVAQSTR					Mascot
1458.7224	1458.7161	-0.0063	-4	101	113	HVFGESDELIGQK	51	99.59			Mascot
1458.7224	1458.7161	-0.0063	-4	101	113	HVFGESDELIGQK					Mascot
1466.7234	1466.7196	-0.0038	-3	176	188	TATPQQAQEVHEK	5	0			Mascot

1466.7234	1466.7196	-0.0038	-3	176	188	TATPQQAQEVHEK				Mascot
1539.7915	1539.7861	-0.0054	-4	86	99	DLGATWVVLGHSER				Mascot
1602.889	1602.8784	-0.0106	-7	161	175	VVLAYEPVWAIGTGK				Mascot
1614.8235	1614.8232	-0.0003	0	100	113	RHVFGESDELIGQK				Mascot
1614.8235	1614.8232	-0.0003	0	100	113	RHVFGESDELIGQK				Mascot
1637.8204	1637.8148	-0.0056	-3	70	85	VTNGAFTGEISPGMIK	78	100	Oxidation (M)[14]	Mascot
1637.8204	1637.8148	-0.0056	-3	70	85	VTNGAFTGEISPGMIK			Oxidation (M)[14]	Mascot
1823.9684	1823.9639	-0.0045	-2	114	131	VSHALAEGLGVIACIGEK			Carbamidomethyl (C)[14]	Mascot

Gel Idx/Pos	30/B7	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	serine-threonine kinase receptor-associated protein [Mus musculus]	gi|4063383	Mascot	38774.1	4.99	10	368	100	1056002.38	100

Protein Group

serine/threonine kinase receptor associated protein [Mus musculus]	gi|160707896	38703.1	4.9899997711816	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
832.4345	832.4258	-0.0087	-10	38	44	DGKPMLR			Oxidation (M)[5]		Mascot
1179.5841	1179.5856	0.0015	1	263	272	GHFGPIHCVR	52	99.758	Carbamidomethyl (C)[8]		Mascot
1179.5841	1179.5856	0.0015	1	263	272	GHFGPIHCVR			Carbamidomethyl (C)[8]		Mascot
1211.5944	1211.5908	-0.0036	-3	236	246	EFLVAGGEDFK	1	0			Mascot
1211.5944	1211.5908	-0.0036	-3	236	246	EFLVAGGEDFK					Mascot
1416.7369	1416.7308	-0.0061	-4	126	137	IYDLNKPEAEPK	5	0			Mascot
1416.7369	1416.7308	-0.0061	-4	126	137	IYDLNKPEAEPK					Mascot
1498.8264	1498.8232	-0.0032	-2	205	218	SIAFHSAVSLEPIK	0	0			Mascot
1498.8264	1498.8232	-0.0032	-2	205	218	SIAFHSAVSLEPIK					Mascot
1596.67	1596.6658	-0.0042	-3	250	262	YDYNSGEELESYK	21	0			Mascot
1596.67	1596.6658	-0.0042	-3	250	262	YDYNSGEELESYK					Mascot
1671.8258	1671.8204	-0.0054	-3	305	319	CVLPEEDSGELAKPK			Carbamidomethyl (C)[1]		Mascot
1798.897	1798.8921	-0.0049	-3	219	235	SFEAPATINSASLHPEK	66	99.991			Mascot
1798.897	1798.8921	-0.0049	-3	219	235	SFEAPATINSASLHPEK					Mascot
1900.856	1900.8564	0.0004	0	273	290	FSPDGELYASGSEDGTLR	104	100			Mascot
1900.856	1900.8564	0.0004	0	273	290	FSPDGELYASGSEDGTLR					Mascot
2001.9401	2001.9384	-0.0017	-1	105	122	TVDFTQDSNYLLTGGQDK	49	99.517			Mascot
2001.9401	2001.9384	-0.0017	-1	105	122	TVDFTQDSNYLLTGGQDK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|26346366	Mascot	38699.1	4.99	9	253	100	1056002.38	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start	End	Sequence	Ion	C. I. %	Modification	Rank	Result Type

				Seq.	Seq.		Score			
832.4345	832.4258	-0.0087	-10	38	44	DGKPMLR			Oxidation (M)[5]	Mascot
1179.5841	1179.5856	0.0015	1	263	272	GHFGPIHCVR	52	99.758	Carbamidomethyl (C)[8]	Mascot
1179.5841	1179.5856	0.0015	1	263	272	GHFGPIHCVR			Carbamidomethyl (C)[8]	Mascot
1211.5944	1211.5908	-0.0036	-3	236	246	EFLVAGGEDFK	1	0		Mascot
1211.5944	1211.5908	-0.0036	-3	236	246	EFLVAGGEDFK				Mascot
1416.7369	1416.7308	-0.0061	-4	126	137	IYDLNKPEAEPK	5	0		Mascot
1416.7369	1416.7308	-0.0061	-4	126	137	IYDLNKPEAEPK				Mascot
1498.8264	1498.8232	-0.0032	-2	205	218	SIAFHSAVSLEPIK	0	0		Mascot
1498.8264	1498.8232	-0.0032	-2	205	218	SIAFHSAVSLEPIK				Mascot
1596.67	1596.6658	-0.0042	-3	250	262	YDYNSGEELESYK	21	0		Mascot
1596.67	1596.6658	-0.0042	-3	250	262	YDYNSGEELESYK				Mascot
1671.8258	1671.8204	-0.0054	-3	305	319	CVLPEEDSGELAKPK			Carbamidomethyl (C)[1]	Mascot
1798.897	1798.8921	-0.0049	-3	219	235	SFEAPATINSASLHPEK	66	99.991		Mascot
1798.897	1798.8921	-0.0049	-3	219	235	SFEAPATINSASLHPEK				Mascot
2001.9401	2001.9384	-0.0017	-1	105	122	TVDFTQDSNYLLTGGQDK	49	99.517		Mascot
2001.9401	2001.9384	-0.0017	-1	105	122	TVDFTQDSNYLLTGGQDK				Mascot

3	Granzyme D precursor	gi|3334466	Mascot	27899.6	9.39	6	42	0	1056002.38		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1618.7629	1618.682	-0.0809	-50	164	176	EVQLVIQEDEECK			Carbamidomethyl (C)[12]		Mascot
1663.7521	1663.7706	0.0185	11	181	194	YYTETTEICAGDLK			Carbamidomethyl (C)[9]		Mascot
1791.8469	1791.8613	0.0144	8	181	195	YYTETTEICAGDLKK			Carbamidomethyl (C)[9]		Mascot
2225.0444	2225.1191	0.0747	34	202	222	GDSGGPLVCHNQAYGLFAYAK			Carbamidomethyl (C)[9]		Mascot
2233.103	2233.0823	-0.0207	-9	137	157	VKPGDVCSVAGWGSRSINDTK			Carbamidomethyl (C)[7]		Mascot
2839.4224	2839.3125	-0.1099	-39	95	118	DIPHPDYNATIFYSDIMLLKLESK			Oxidation (M)[17]		Mascot

4	granzyme D precursor	gi|309275	Mascot	28300.8	9.39	6	42	0	1056002.38		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1618.7629	1618.682	-0.0809	-50	168	180	EVQLVIQEDEECK			Carbamidomethyl (C)[12]		Mascot

	1663.7521	1663.7706	0.0185	11	185	198	YYTETTEICAGDLK				Carbamidomethyl (C)[9]			Mascot
	1791.8469	1791.8613	0.0144	8	185	199	YYTETTEICAGDLKK				Carbamidomethyl (C)[9]			Mascot
	2225.0444	2225.1191	0.0747	34	206	226	GDSGGPLVCHNQAYGLFAYAK				Carbamidomethyl (C)[9]			Mascot
	2233.103	2233.0823	-0.0207	-9	141	161	VKPGDVCSVAGWGSRSINDTK				Carbamidomethyl (C)[7]			Mascot
	2839.4224	2839.3125	-0.1099	-39	99	122	DIPHPDYNATIFYSDIMLLKLESK				Oxidation (M)[17]			Mascot
5	mCG121035, isoform CRA_b [Mus musculus]				gi|148684251		Mascot	121855.8	9.47	12	41	0	1056002.38	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
832.406	832.4258	0.0198	24	164	170	AFSQHSR					Mascot
1026.4924	1026.4281	-0.0643	-63	28	35	DVMLETYR					Mascot
1058.5742	1058.5303	-0.0439	-41	884	891	HTREKPYK					Mascot
1088.6099	1088.5884	-0.0215	-20	827	835	IHTGEKLYK					Mascot
1211.5878	1211.5908	0.003	2	99	107	LYEWKQCGK			Carbamidomethyl (C)[7]		Mascot
1211.5878	1211.5908	0.003	2	99	107	LYEWKQCGK			Carbamidomethyl (C)[7]		Mascot
1430.7349	1430.7458	0.0109	8	25	35	LYKDVMLETYR					Mascot
1498.7914	1498.8232	0.0318	21	307	318	AFSQYVHLQIHR					Mascot
1498.7914	1498.8232	0.0318	21	307	318	AFSQYVHLQIHR					Mascot
1798.7848	1798.8921	0.1073	60	236	250	TQTGQKPYECNQCGK			Carbamidomethyl (C)[10,13]		Mascot
1798.7848	1798.8921	0.1073	60	463	477	TQTGQKPYECNQCGK			Carbamidomethyl (C)[10,13]		Mascot
1819.8578	1819.8488	-0.009	-5	931	945	IHTGEKPYKCNQCGK			Carbamidomethyl (C)[10,13]		Mascot
1820.8054	1820.8645	0.0591	32	264	278	IHTGEKPYECNQCGK			Carbamidomethyl (C)[10,13]		Mascot
1914.778	1914.8712	0.0932	49	148	163	GTHTGEKCYECDLCGK			Carbamidomethyl (C)[8,11,14]		Mascot
1914.778	1914.8712	0.0932	49	148	163	GTHTGEKCYECDLCGK			Carbamidomethyl (C)[8,11,14]		Mascot
2233.1111	2233.0823	-0.0288	-13	217	234	FIHCVEDFLPYTSLQVHK			Carbamidomethyl (C)[4]		Mascot

Gel Idx/Pos	42/B8	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	hypothetical protein A [Mus musculus]	gi|443998	Mascot	23782.8	5.15	5	108	100	641153.94	100

Protein Group

RAN binding protein 1 [Mus musculus]	gi|153792001	23752.8	5.1500000953 6743
Ran/TC4 Binding Protein	gi|431422	23738.8	5.1500000953 6743
unnamed protein product [Mus musculus]	gi|74139696	23653.7	5.0900001525 8789

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
969.4458	969.4568	0.011	11	153	159	TKFEECR			Carbamidomethyl (C)[6]		Mascot
1034.5265	1034.5237	-0.0028	-3	142	150	FLNAENAQK	43	97.941			Mascot
1034.5265	1034.5237	-0.0028	-3	142	150	FLNAENAQK					Mascot
1335.6216	1335.611	-0.0106	-8	58	68	FASENDLPEWK					Mascot
1381.637	1381.6211	-0.0159	-12	40	50	TLEEDEEELFK	40	95.669			Mascot
1381.637	1381.6211	-0.0159	-12	40	50	TLEEDEEELFK					Mascot
2450.1262	2450.1445	0.0183	7	98	118	ICANHYITPMMELKPNAG SDR			Carbamidomethyl (C)[2], Oxidation (M)[10,11]		Mascot
2450.1262	2450.1445	0.0183	7	98	118	ICANHYITPMMELKPNAG SDR			Carbamidomethyl (C)[2], Oxidation (M)[10,11]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|12842359	Mascot	23718.8	5.22	4	101	99.999	641153.94	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
969.4458	969.4568	0.011	11	153	159	TKFEECR			Carbamidomethyl (C)[6]		Mascot
1034.5265	1034.5237	-0.0028	-3	142	150	FLNAENAQK	43	97.941			Mascot
1034.5265	1034.5237	-0.0028	-3	142	150	FLNAENAQK					Mascot
1381.637	1381.6211	-0.0159	-12	40	50	TLEEDEEELFK	40	95.669			Mascot
1381.637	1381.6211	-0.0159	-12	40	50	TLEEDEEELFK					Mascot
2450.1262	2450.1445	0.0183	7	98	118	ICANHYITPMMELKPNAG			Carbamidomethyl (C)[2], Oxidation (M)[10,11]		Mascot

							SDR										
	2450.1262	2450.1445	0.0183	7	98	118	ICANHYITPMMELKPNAG SDR					Carbamidomethyl (C)[2], Oxidation (M)[10,11]					Mascot
3	hypothetical protein A - mouse (fragment)				gi|90659		Mascot	8531	4.49	1	46	0	641153.94	95.669			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1381.637	1381.6211	-0.0159	-12	40	50	TLEEDEEELFK	40	95.669			Mascot
1381.637	1381.6211	-0.0159	-12	40	50	TLEEDEEELFK					Mascot

4	PREDICTED: hypothetical protein [Mus musculus]				gi|94375188		Mascot	8248.1	9.43	4	34	0	641153.94				

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
824.4261	824.4318	0.0057	7	58	64	SPEHLNK					Mascot
882.5043	882.5628	0.0585	66	45	52	LAHLTEAK					Mascot
1361.6379	1361.5972	-0.0407	-30	32	44	GSQPPHVHSAGCK			Carbamidomethyl (C)[12]		Mascot
2225.1245	2225.1228	-0.0017	-1	32	52	GSQPPHVHSAGCKLAHL TEAK			Carbamidomethyl (C)[12]		Mascot

5	mCG57148, isoform CRA_c [Mus musculus]				gi|148688406		Mascot	8713.3	9.45	4	34	0	641153.94				

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
824.4261	824.4318	0.0057	7	62	68	SPEHLNK					Mascot
882.5043	882.5628	0.0585	66	49	56	LAHLTEAK					Mascot
1361.6379	1361.5972	-0.0407	-30	36	48	GSQPPHVHSAGCK			Carbamidomethyl (C)[12]		Mascot
2225.1245	2225.1228	-0.0017	-1	36	56	GSQPPHVHSAGCKLAHL TEAK			Carbamidomethyl (C)[12]		Mascot

Gel Idx/Pos	31/B9	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12844989	Mascot	28798.8	6.67	6	40	0	377303.56	0

Protein Group

phosphoglycerate mutase 1 [Mus musculus]	gi|114326546	28927.9	6.6700000762 9395

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1059.5582	1059.557	-0.0012	-1	91	100	HYGGLTGLNK					Mascot
1059.5582	1059.557	-0.0012	-1	91	100	HYGGLTGLNK					Mascot
1150.6692	1150.6724	0.0032	3	181	191	VLIAAHGNSLR	4	0			Mascot
1150.6692	1150.6724	0.0032	3	181	191	VLIAAHGNSLR					Mascot
1312.6029	1312.6147	0.0118	9	11	21	HGESAWNLENR					Mascot
1779.7896	1779.7865	-0.0031	-2	47	61	DAGYEFDICFTSVQK			Carbamidomethyl (C)[9]		Mascot
2131.1216	2131.1218	0.0002	0	223	240	NLKPIKPMQFLGDEETVR			Oxidation (M)[8]		Mascot
2131.1216	2131.1218	0.0002	0	223	240	NLKPIKPMQFLGDEETVR			Oxidation (M)[8]		Mascot
2433.1067	2433.1204	0.0137	6	118	138	SYDVPPPPMEPDHPFYSNISK			Oxidation (M)[9]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	phosphoglycerate mutase 1 [Mus musculus]	gi|10179944	Mascot	29032.9	6.19	6	39	0	377303.56	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1059.5582	1059.557	-0.0012	-1	91	100	HYGGLTGLNK					Mascot
1059.5582	1059.557	-0.0012	-1	91	100	HYGGLTGLNK					Mascot
1150.6692	1150.6724	0.0032	3	181	191	VLIAAHGNSLR	4	0			Mascot
1150.6692	1150.6724	0.0032	3	181	191	VLIAAHGNSLR					Mascot
1312.6029	1312.6147	0.0118	9	11	21	HGESAWNLENR					Mascot
1779.7896	1779.7865	-0.0031	-2	47	61	DAGYEFDICFTSVQK			Carbamidomethyl (C)[9]		Mascot
2131.1216	2131.1218	0.0002	0	223	240	NLKPIKPMQFLGDEETVR			Oxidation (M)[8]		Mascot
2131.1216	2131.1218	0.0002	0	223	240	NLKPIKPMQFLGDEETVR			Oxidation (M)[8]		Mascot
2433.1067	2433.1204	0.0137	6	118	138	SYDVPPPPMEPDHPFYS			Oxidation (M)[9]		Mascot

NISK

3	unnamed protein product [Mus musculus]	gi|26344940	Mascot	47768.9	5.3	7	32	0	377303.56		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1165.694	1165.7378	0.0438	38	306	315	AVDELHKLLK					Mascot
1172.6521	1172.6467	-0.0054	-5	214	223	EKGNEILELK					Mascot
1312.5759	1312.6147	0.0388	30	336	345	DQMEKEMLEK			Oxidation (M)[3,7]		Mascot
1941.0341	1940.9331	-0.101	-52	275	290	FHNELNAHIKLSNLYK					Mascot
2026.038	2025.9064	-0.1316	-65	395	411	LTELYNAYVETQDQLLL					Mascot
2239.1201	2239.1357	0.0156	7	316	335	EAGEANKTIQDHLLQVEESK					Mascot
2239.1201	2239.1357	0.0156	7	316	335	EAGEANKTIQDHLLQVEESK					Mascot
2299.0771	2299.178	0.1009	44	266	284	EQQASMEEKFHNELNAHIK			Oxidation (M)[6]		Mascot

4	mCG60047 [Mus musculus]	gi|148706760	Mascot	40221.7	6.04	6	31	0	377303.56		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5978	868.5494	-0.0484	-56	122	128	LLIQIIR					Mascot
892.4774	892.5233	0.0459	51	278	284	LDEFLQK					Mascot
1172.6998	1172.6467	-0.0531	-45	29	38	RTVQLEIVSK					Mascot
2130.9795	2131.1218	0.1423	67	77	93	ELNCKPEMPDKIEDQER			Carbamidomethyl (C)[4]		Mascot
2130.9795	2131.1218	0.1423	67	77	93	ELNCKPEMPDKIEDQER			Carbamidomethyl (C)[4]		Mascot
2211.134	2211.1047	-0.0293	-13	290	309	DIHPRIIAQPSMDTSGLGFR					Mascot
2239.1929	2239.1357	-0.0572	-26	40	59	AEELAVQQQEIGVLREEVAK					Mascot
2239.1929	2239.1357	-0.0572	-26	40	59	AEELAVQQQEIGVLREEVAK					Mascot

5	Pgam1 protein [Mus musculus]	gi|45767854	Mascot	22457.8	8.57	4	28	0	377303.56	0	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1059.5582	1059.557	-0.0012	-1	34	43	HYGGLTGLNK					Mascot
1059.5582	1059.557	-0.0012	-1	34	43	HYGGLTGLNK					Mascot
1150.6692	1150.6724	0.0032	3	124	134	VLIAAHGNSLR	4	0			Mascot

1150.6692	1150.6724	0.0032	3	124	134	VLIAAHGNSLR		Mascot
2131.1216	2131.1218	0.0002	0	166	183	NLKPIKPMQFLGDEETVR	Oxidation (M)[8]	Mascot
2131.1216	2131.1218	0.0002	0	166	183	NLKPIKPMQFLGDEETVR	Oxidation (M)[8]	Mascot
2433.1067	2433.1204	0.0137	6	61	81	SYDVPPPPMEPDHPFYS NISK	Oxidation (M)[9]	Mascot

Gel Idx/Pos	43/B10	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	7

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	332410.72	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.136	0.0183	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.136	0.0183	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1641	0.0955	42	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1746	0.0247	11	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	BW 20-3 immunoglobulin heavy chain [Mus musculus]	gi|19697182	Mascot	12907.3	9.28	3	26	0	332410.72	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2225.0623	2225.1235	0.0612	28	42	61	GLEWIGRIYPGDGDTNYNGK					Mascot
2254.2224	2254.1489	-0.0735	-33	1	21	QLQQSGPELVKPGASVKISCK			Carbamidomethyl (C)[20]		Mascot
2299.0674	2299.1746	0.1072	47	18	36	ISCKASGYAFSTYWMNWVK			Carbamidomethyl (C)[3]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	IgH antibody heavy chain VDJ region [Mus musculus]	gi|2745927	Mascot	13526.5	8.01	3	26	0	332410.72	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4912	-0.0138	-16	70	76	FIVSRSR					Mascot
2811.2905	2811.3528	0.0623	22	20	43	LSCATSGFTFSDFYMEWVRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.3308	0.0032	1	77	100	DTSQSILYLQMNALEDTAIYYCAR			Carbamidomethyl (C)[22]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
4	TRAV3-3 [Mus musculus]	gi|15795302	Mascot	13023.4	6.7	3	26	0	332410.72	

Protein Group

TRAV3D-3 [Mus musculus]	gi|15795265	13071.4	6.6999998092 6514

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1314.7086	1314.771	0.0624	47	59	70	QEPGASLQLLMK					Mascot
2211.1655	2211.1052	-0.0603	-27	71	90	VFSSTEINEGQGFTVLLNKK					Mascot
2321.1343	2321.103	-0.0313	-13	93	114	RLSLNLTAAHPGDSAAYFCAVS			Carbamidomethyl (C)[19]		Mascot

5	unnamed protein product [Mus musculus]	gi|74219985	Mascot	42880.1	8.69	5	25	0	332410.72		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4553	842.5091	0.0538	64	1	8	MGIHGLAK			Oxidation (M)[1]		Mascot
1051.6259	1051.6958	0.0699	66	246	254	AVDLIQKHK					Mascot
1051.6259	1051.6958	0.0699	66	246	254	AVDLIQKHK					Mascot
2239.0547	2239.136	0.0813	36	110	128	QLQQAQEAGMEEEVEKFTK			Oxidation (M)[10]		Mascot
2239.0547	2239.136	0.0813	36	110	128	QLQQAQEAGMEEEVEKFTK			Oxidation (M)[10]		Mascot
2313.186	2313.1873	0.0013	1	278	297	EAQQLFLEPEVLDPESVELK					Mascot
2313.186	2313.1873	0.0013	1	278	297	EAQQLFLEPEVLDPESVELK					Mascot
2321.061	2321.103	0.042	18	172	192	VYAAATEGMDCLTFGSPVLMR			Carbamidomethyl (C)[11], Oxidation (M)[9,20]		Mascot

Gel Idx/Pos	32/B11	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	eukaryotic translation initiation factor 5A, isoform CRA_a [Mus musculus]	gi|148680528	Mascot	12466.3	5.12	8	236	100	711535.69	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1298.7468	1298.738	-0.0088	-7	14	25	VHLVGIDIFTGK	86	100			Mascot
1298.7468	1298.738	-0.0088	-7	14	25	VHLVGIDIFTGK					Mascot
1341.7009	1341.7025	0.0016	1	68	79	EDLRLPEGDLGK	23	0			Mascot
1341.7009	1341.7025	0.0016	1	68	79	EDLRLPEGDLGK					Mascot
1426.8417	1426.8397	-0.002	-1	14	26	VHLVGIDIFTGKK					Mascot
1455.7689	1455.7544	-0.0145	-10	72	84	LPEGDLGKEIEQK					Mascot
2048.9053	2048.9014	-0.0039	-2	27	43	YEDICPSTHNMDVPNIK			Carbamidomethyl (C)[5], Oxidation (M)[11]		Mascot
2048.9053	2048.9014	-0.0039	-2	27	43	YEDICPSTHNMDVPNIK			Carbamidomethyl (C)[5], Oxidation (M)[11]		Mascot
2177.0002	2177.0012	0.001	0	26	43	KYEDICPSTHNMDVPNIK	42	98.2	Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot
2177.0002	2177.0012	0.001	0	26	43	KYEDICPSTHNMDVPNIK			Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot
2580.2939	2580.2896	-0.0043	-2	45	67	NDFQLIGIQDGYLSLLQD SGEVR					Mascot
2580.2939	2580.2896	-0.0043	-2	45	67	NDFQLIGIQDGYLSLLQD SGEVR					Mascot
2642.2939	2642.1824	-0.1115	-42	85	108	YDCGEEILITVLSAMTEEA AVAIK			Carbamidomethyl (C)[3], Oxidation (M)[15]		Mascot

2	eukaryotic translation initiation factor 5A, isoform CRA_j [Mus musculus]	gi|148680542	Mascot	18399.2	5	9	235	100	711535.69	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
904.5615	904.5609	-0.0006	-1	39	46	KNGFVVLK					Mascot
1298.7468	1298.738	-0.0088	-7	68	79	VHLVGIDIFTGK	86	100			Mascot
1298.7468	1298.738	-0.0088	-7	68	79	VHLVGIDIFTGK					Mascot
1341.7009	1341.7025	0.0016	1	122	133	EDLRLPEGDLGK	23	0			Mascot
1341.7009	1341.7025	0.0016	1	122	133	EDLRLPEGDLGK					Mascot
1426.8417	1426.8397	-0.002	-1	68	80	VHLVGIDIFTGKK					Mascot

	1455.7689	1455.7544	-0.0145	-10	126	138	LPEGDLGKEIEQK								Mascot
	2048.9053	2048.9014	-0.0039	-2	81	97	YEDICPSTHNMDVPNIK				Carbamidomethyl (C)[5], Oxidation (M)[11]				Mascot
	2048.9053	2048.9014	-0.0039	-2	81	97	YEDICPSTHNMDVPNIK				Carbamidomethyl (C)[5], Oxidation (M)[11]				Mascot
	2177.0002	2177.0012	0.001	0	80	97	KYEDICPSTHNMDVPNIK		42	98.2	Carbamidomethyl (C)[6], Oxidation (M)[12]				Mascot
	2177.0002	2177.0012	0.001	0	80	97	KYEDICPSTHNMDVPNIK				Carbamidomethyl (C)[6], Oxidation (M)[12]				Mascot
	2580.2939	2580.2896	-0.0043	-2	99	121	NDFQLIGIQDGYLSLLQD SGEVR								Mascot
	2580.2939	2580.2896	-0.0043	-2	99	121	NDFQLIGIQDGYLSLLQD SGEVR								Mascot
	2642.2939	2642.1824	-0.1115	-42	139	162	YDCGEEILITVLSAMTEEA AVAIK				Carbamidomethyl (C)[3], Oxidation (M)[15]				Mascot

3	eukaryotic translation initiation factor 5A [Homo sapiens]	gi|4503545	Mascot	17049.5	5.08	9	234	100	711535.69	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
904.5615	904.5609	-0.0006	-1	27	34	KNGFVVLK					Mascot
1298.7468	1298.738	-0.0088	-7	56	67	VHLVGIDIFTGK	86	100			Mascot
1298.7468	1298.738	-0.0088	-7	56	67	VHLVGIDIFTGK					Mascot
1341.7009	1341.7025	0.0016	1	110	121	EDLRLPEGDLGK	23	0			Mascot
1341.7009	1341.7025	0.0016	1	110	121	EDLRLPEGDLGK					Mascot
1426.8417	1426.8397	-0.002	-1	56	68	VHLVGIDIFTGKK					Mascot
1455.7689	1455.7544	-0.0145	-10	114	126	LPEGDLGKEIEQK					Mascot
2048.9053	2048.9014	-0.0039	-2	69	85	YEDICPSTHNMDVPNIK			Carbamidomethyl (C)[5], Oxidation (M)[11]		Mascot
2048.9053	2048.9014	-0.0039	-2	69	85	YEDICPSTHNMDVPNIK			Carbamidomethyl (C)[5], Oxidation (M)[11]		Mascot
2177.0002	2177.0012	0.001	0	68	85	KYEDICPSTHNMDVPNIK	42	98.2	Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot
2177.0002	2177.0012	0.001	0	68	85	KYEDICPSTHNMDVPNIK			Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot
2580.2939	2580.2896	-0.0043	-2	87	109	NDFQLIGIQDGYLSLLQD SGEVR					Mascot
2580.2939	2580.2896	-0.0043	-2	87	109	NDFQLIGIQDGYLSLLQD SGEVR					Mascot
2642.2939	2642.1824	-0.1115	-42	127	150	YDCGEEILITVLSAMTEEA AVAIK			Carbamidomethyl (C)[3], Oxidation (M)[15]		Mascot

4	eukaryotic translation initiation factor 5A, isoform CRA_c [Mus musculus]	gi|148680531	Mascot	18641.1	5.08	9	232	100	711535.69	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
904.5615	904.5609	-0.0006	-1	27	34	KNGFVVLK					Mascot

1298.7468	1298.738	-0.0088	-7	56	67	VHLVGIDIFTGK		86	100					Mascot
1298.7468	1298.738	-0.0088	-7	56	67	VHLVGIDIFTGK								Mascot
1341.7009	1341.7025	0.0016	1	110	121	EDLRLPEGDLGK		23	0					Mascot
1341.7009	1341.7025	0.0016	1	110	121	EDLRLPEGDLGK								Mascot
1426.8417	1426.8397	-0.002	-1	56	68	VHLVGIDIFTGKK								Mascot
1455.7689	1455.7544	-0.0145	-10	114	126	LPEGDLGKEIEQK								Mascot
2048.9053	2048.9014	-0.0039	-2	69	85	YEDICPSTHNMDVPNIK				Carbamidomethyl (C)[5], Oxidation (M)[11]				Mascot
2048.9053	2048.9014	-0.0039	-2	69	85	YEDICPSTHNMDVPNIK				Carbamidomethyl (C)[5], Oxidation (M)[11]				Mascot
2177.0002	2177.0012	0.001	0	68	85	KYEDICPSTHNMDVPNIK		42	98.2	Carbamidomethyl (C)[6], Oxidation (M)[12]				Mascot
2177.0002	2177.0012	0.001	0	68	85	KYEDICPSTHNMDVPNIK				Carbamidomethyl (C)[6], Oxidation (M)[12]				Mascot
2580.2939	2580.2896	-0.0043	-2	87	109	NDFQLIGIQDGYLSLLQD SGEVR								Mascot
2580.2939	2580.2896	-0.0043	-2	87	109	NDFQLIGIQDGYLSLLQD SGEVR								Mascot
2642.2939	2642.1824	-0.1115	-42	127	150	YDCGEEILITVLSAMTEEA AVAIK				Carbamidomethyl (C)[3], Oxidation (M)[15]				Mascot

5	eukaryotic translation initiation factor 5A, isoform CRA_d [Mus musculus]	gi|148680533	Mascot	19444.8	5.87	9	229	100	711535.69	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
904.5615	904.5609	-0.0006	-1	47	54	KNGFVVLK					Mascot
1298.7468	1298.738	-0.0088	-7	76	87	VHLVGIDIFTGK	86	100			Mascot
1298.7468	1298.738	-0.0088	-7	76	87	VHLVGIDIFTGK					Mascot
1341.7009	1341.7025	0.0016	1	130	141	EDLRLPEGDLGK	23	0			Mascot
1341.7009	1341.7025	0.0016	1	130	141	EDLRLPEGDLGK					Mascot
1426.8417	1426.8397	-0.002	-1	76	88	VHLVGIDIFTGKK					Mascot
1455.7689	1455.7544	-0.0145	-10	134	146	LPEGDLGKEIEQK					Mascot
2048.9053	2048.9014	-0.0039	-2	89	105	YEDICPSTHNMDVPNIK			Carbamidomethyl (C)[5], Oxidation (M)[11]		Mascot
2048.9053	2048.9014	-0.0039	-2	89	105	YEDICPSTHNMDVPNIK			Carbamidomethyl (C)[5], Oxidation (M)[11]		Mascot
2177.0002	2177.0012	0.001	0	88	105	KYEDICPSTHNMDVPNIK	42	98.2	Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot
2177.0002	2177.0012	0.001	0	88	105	KYEDICPSTHNMDVPNIK			Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot
2580.2939	2580.2896	-0.0043	-2	107	129	NDFQLIGIQDGYLSLLQD SGEVR					Mascot
2580.2939	2580.2896	-0.0043	-2	107	129	NDFQLIGIQDGYLSLLQD SGEVR					Mascot
2642.2939	2642.1824	-0.1115	-42	147	170	YDCGEEILITVLSAMTEEA AVAIK			Carbamidomethyl (C)[3], Oxidation (M)[15]		Mascot

Gel Idx/Pos	44/B12	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	transaldolase 1 [Mus musculus]	gi|33859640	Mascot	37534.4	6.57	14	196	100	616344.62	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
863.4297	863.435	0.0053	6	220	225	IYNYYK					Mascot
934.572	934.5673	-0.0047	-5	124	130	RLIELYK					Mascot
934.572	934.5673	-0.0047	-5	124	130	RLIELYK					Mascot
997.5135	997.5084	-0.0051	-5	231	239	TIVMGASFR	12	0	Oxidation (M)[4]		Mascot
997.5135	997.5084	-0.0051	-5	231	239	TIVMGASFR			Oxidation (M)[4]		Mascot
1098.579	1098.5715	-0.0075	-7	72	81	LGGPQEEQIK					Mascot
1128.6161	1128.5453	-0.0708	-63	287	295	IHLDEKAFR					Mascot
1128.6161	1128.5453	-0.0708	-63	287	295	IHLDEKAFR					Mascot
1248.5743	1248.562	-0.0123	-10	205	215	SYEPQEDPGVK					Mascot
1249.7555	1249.7466	-0.0089	-7	87	97	LFVLFGAEILK					Mascot
1268.6304	1268.6163	-0.0141	-11	111	121	LSFDKDAMVAR	24	0	Oxidation (M)[8]		Mascot
1268.6304	1268.6163	-0.0141	-11	111	121	LSFDKDAMVAR			Oxidation (M)[8]		Mascot
1276.6532	1276.6217	-0.0315	-25	143	154	LSSTWEGIQAGK					Mascot
1334.6733	1334.6548	-0.0185	-14	9	19	QRMESALDQLK			Oxidation (M)[3]		Mascot
1392.7192	1392.7046	-0.0146	-10	246	258	ALAGCDFLTISPK	64	99.98	Carbamidomethyl (C)[5]		Mascot
1392.7192	1392.7046	-0.0146	-10	246	258	ALAGCDFLTISPK			Carbamidomethyl (C)[5]		Mascot
1439.7642	1439.746	-0.0182	-13	193	204	ILDWHVANTDKK					Mascot
1515.6897	1515.674	-0.0157	-10	296	307	WLHNEDQMAVEK			Oxidation (M)[8]		Mascot
1529.7087	1529.6833	-0.0254	-17	325	337	MLTERMFSAENGK			Oxidation (M)[1]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	transaldolase 1, isoform CRA_e [Mus musculus]	gi|148686116	Mascot	31685.5	7.66	13	188	100	616344.62	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
863.4297	863.435	0.0053	6	166	171	IYNYYK					Mascot
934.572	934.5673	-0.0047	-5	70	76	RLIELYK					Mascot

934.572	934.5673	-0.0047	-5	70	76	RLIELYK							Mascot
997.5135	997.5084	-0.0051	-5	177	185	TIVMGASFR		12	0	Oxidation (M)[4]			Mascot
997.5135	997.5084	-0.0051	-5	177	185	TIVMGASFR				Oxidation (M)[4]			Mascot
1098.579	1098.5715	-0.0075	-7	18	27	LGGPQEEQIK							Mascot
1128.6161	1128.5453	-0.0708	-63	233	241	IHLDEKAFR							Mascot
1128.6161	1128.5453	-0.0708	-63	233	241	IHLDEKAFR							Mascot
1248.5743	1248.562	-0.0123	-10	151	161	SYEPQEDPGVK							Mascot
1249.7555	1249.7466	-0.0089	-7	33	43	LFVLFGAEILK							Mascot
1268.6304	1268.6163	-0.0141	-11	57	67	LSFDKDAMVAR		24	0	Oxidation (M)[8]			Mascot
1268.6304	1268.6163	-0.0141	-11	57	67	LSFDKDAMVAR				Oxidation (M)[8]			Mascot
1276.6532	1276.6217	-0.0315	-25	89	100	LSSTWEGIQAGK							Mascot
1392.7192	1392.7046	-0.0146	-10	192	204	ALAGCDFLTISPK		64	99.98	Carbamidomethyl (C)[5]			Mascot
1392.7192	1392.7046	-0.0146	-10	192	204	ALAGCDFLTISPK				Carbamidomethyl (C)[5]			Mascot
1439.7642	1439.746	-0.0182	-13	139	150	ILDWHVANTDKK							Mascot
1515.6897	1515.674	-0.0157	-10	242	253	WLHNEDQMAVEK				Oxidation (M)[8]			Mascot
1529.7087	1529.6833	-0.0254	-17	271	283	MLTERMFSAENGK				Oxidation (M)[1]			Mascot

3	Chain A, Crystal Structure Of Mouse Transaldolase	gi|85544436	Mascot	36594.9	6.3	12	181	100	616344.62	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
863.4297	863.435	0.0053	6	215	220	IYNYYK					Mascot
934.572	934.5673	-0.0047	-5	119	125	RLIELYK					Mascot
934.572	934.5673	-0.0047	-5	119	125	RLIELYK					Mascot
997.5135	997.5084	-0.0051	-5	226	234	TIVMGASFR	12	0	Oxidation (M)[4]		Mascot
997.5135	997.5084	-0.0051	-5	226	234	TIVMGASFR			Oxidation (M)[4]		Mascot
1098.579	1098.5715	-0.0075	-7	67	76	LGGPQEEQIK					Mascot
1128.6161	1128.5453	-0.0708	-63	282	290	IHLDEKAFR					Mascot
1128.6161	1128.5453	-0.0708	-63	282	290	IHLDEKAFR					Mascot
1249.7555	1249.7466	-0.0089	-7	82	92	LFVLFGAEILK					Mascot
1268.6304	1268.6163	-0.0141	-11	106	116	LSFDKDAMVAR	24	0	Oxidation (M)[8]		Mascot
1268.6304	1268.6163	-0.0141	-11	106	116	LSFDKDAMVAR			Oxidation (M)[8]		Mascot
1276.6532	1276.6217	-0.0315	-25	138	149	LSSTWEGIQAGK					Mascot
1392.7192	1392.7046	-0.0146	-10	241	253	ALAGCDFLTISPK	64	99.98	Carbamidomethyl (C)[5]		Mascot
1392.7192	1392.7046	-0.0146	-10	241	253	ALAGCDFLTISPK			Carbamidomethyl (C)[5]		Mascot
1439.7642	1439.746	-0.0182	-13	188	199	ILDWHVANTDKK					Mascot

	1515.6897	1515.674	-0.0157	-10	291	302	WLHNEDQMAVEK				Oxidation (M)[8]				Mascot
	1529.7087	1529.6833	-0.0254	-17	320	332	MLTERMFSAENGK				Oxidation (M)[1]				Mascot

4	Chain A, Crystal Structure Of Mouse Transaldolase	gi|160285460	Mascot	36555.8	5.89	11	170	100	616344.62	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
863.4297	863.435	0.0053	6	217	222	IYNYYK					Mascot
934.572	934.5673	-0.0047	-5	121	127	RLIELYK					Mascot
934.572	934.5673	-0.0047	-5	121	127	RLIELYK					Mascot
997.5135	997.5084	-0.0051	-5	228	236	TIVMGASFR	12	0	Oxidation (M)[4]		Mascot
997.5135	997.5084	-0.0051	-5	228	236	TIVMGASFR			Oxidation (M)[4]		Mascot
1098.579	1098.5715	-0.0075	-7	69	78	LGGPQEEQIK					Mascot
1128.6161	1128.5453	-0.0708	-63	284	292	IHLDEKAFR					Mascot
1128.6161	1128.5453	-0.0708	-63	284	292	IHLDEKAFR					Mascot
1249.7555	1249.7466	-0.0089	-7	84	94	LFVLFGAEILK					Mascot
1268.6304	1268.6163	-0.0141	-11	108	118	LSFDKDAMVAR	24	0	Oxidation (M)[8]		Mascot
1268.6304	1268.6163	-0.0141	-11	108	118	LSFDKDAMVAR			Oxidation (M)[8]		Mascot
1276.6532	1276.6217	-0.0315	-25	140	151	LSSTWEGIQAGK					Mascot
1392.7192	1392.7046	-0.0146	-10	243	255	ALAGCDFLTISPK	64	99.98	Carbamidomethyl (C)[5]		Mascot
1392.7192	1392.7046	-0.0146	-10	243	255	ALAGCDFLTISPK			Carbamidomethyl (C)[5]		Mascot
1439.7642	1439.746	-0.0182	-13	190	201	ILDWHVANTDKK					Mascot
1515.6897	1515.674	-0.0157	-10	293	304	WLHNEDQMAVEK			Oxidation (M)[8]		Mascot

5	transaldolase 1, isoform CRA_a [Mus musculus]	gi|148686112	Mascot	19422.2	9.18	7	121	100	616344.62	99.999	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
863.4297	863.435	0.0053	6	103	108	IYNYYK					Mascot
934.572	934.5673	-0.0047	-5	7	13	RLIELYK					Mascot
934.572	934.5673	-0.0047	-5	7	13	RLIELYK					Mascot
997.5135	997.5084	-0.0051	-5	114	122	TIVMGASFR	12	0	Oxidation (M)[4]		Mascot
997.5135	997.5084	-0.0051	-5	114	122	TIVMGASFR			Oxidation (M)[4]		Mascot
1248.5743	1248.562	-0.0123	-10	88	98	SYEPQEDPGVK					Mascot
1276.6532	1276.6217	-0.0315	-25	26	37	LSSTWEGIQAGK					Mascot

1392.7192	1392.7046	-0.0146	-10	129	141	ALAGCDFLTISPK	64	99.98	Carbamidomethyl (C)[5]	Mascot
1392.7192	1392.7046	-0.0146	-10	129	141	ALAGCDFLTISPK			Carbamidomethyl (C)[5]	Mascot
1439.7642	1439.746	-0.0182	-13	76	87	ILDWHVANTDKK				Mascot

Gel Idx/Pos	33/B13	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74179916	Mascot	27815	6.34	11	308	100	840890.75	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1156.611	1156.6145	0.0035	3	12	21	HITIFSPEGR	36	90.103			Mascot
1156.611	1156.6145	0.0035	3	12	21	HITIFSPEGR					Mascot
1160.5986	1160.5988	0.0002	0	22	30	LYQVEYAFK					Mascot
1218.6511	1218.6398	-0.0113	-9	44	54	GKDCAVIVTQK			Carbamidomethyl (C)[4]		Mascot
1285.7223	1285.7268	0.0045	3	31	43	AINQGGLTSVAVR	37	93.216			Mascot
1285.7223	1285.7268	0.0045	3	31	43	AINQGGLTSVAVR					Mascot
1337.5289	1337.5271	-0.0018	-1	154	164	CDPAGYYCGFK	40	96.105	Carbamidomethyl (C)[1,8]		Mascot
1337.5289	1337.5271	-0.0018	-1	154	164	CDPAGYYCGFK			Carbamidomethyl (C)[1,8]		Mascot
1360.7472	1360.751	0.0038	3	60	71	LLDSSTVTHLFK	48	99.441			Mascot
1360.7472	1360.751	0.0038	3	60	71	LLDSSTVTHLFK					Mascot
1503.6859	1503.6841	-0.0018	-1	105	116	YGYEIPVDMLCK	41	97.178	Carbamidomethyl (C)[11], Oxidation (M)[9]		Mascot
1503.6859	1503.6841	-0.0018	-1	105	116	YGYEIPVDMLCK			Carbamidomethyl (C)[11], Oxidation (M)[9]		Mascot
1754.8378	1754.8386	0.0008	0	118	132	IADISQVYTQNAEMR			Oxidation (M)[14]		Mascot
1860.8137	1860.8124	-0.0013	-1	72	88	ITESIGCVMTGMTADSR			Carbamidomethyl (C)[7], Oxidation (M)[9,12]		Mascot
1864.0175	1864.0164	-0.0011	-1	229	245	ILTEAEIDAHLVALAER					Mascot
1979.0444	1979.0441	-0.0003	0	229	246	ILTEAEIDAHLVALAERD	19	0			Mascot
1979.0444	1979.0441	-0.0003	0	229	246	ILTEAEIDAHLVALAERD					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	proteasome (prosome, macropain) subunit, alpha type 6 [Mus musculus]	gi|6755198	Mascot	27811	6.34	10	296	100	840890.75	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1156.611	1156.6145	0.0035	3	12	21	HITIFSPEGR	36	90.103			Mascot
1156.611	1156.6145	0.0035	3	12	21	HITIFSPEGR					Mascot
1160.5986	1160.5988	0.0002	0	22	30	LYQVEYAFK					Mascot

1218.6511	1218.6398	-0.0113	-9	44	54	GKDCAVIVTQK			Carbamidomethyl (C)[4]				Mascot
1285.7223	1285.7268	0.0045	3	31	43	AINQGGLTSVAVR	37	93.216					Mascot
1285.7223	1285.7268	0.0045	3	31	43	AINQGGLTSVAVR							Mascot
1337.5289	1337.5271	-0.0018	-1	154	164	CDPAGYYCGFK	40	96.105	Carbamidomethyl (C)[1,8]				Mascot
1337.5289	1337.5271	-0.0018	-1	154	164	CDPAGYYCGFK			Carbamidomethyl (C)[1,8]				Mascot
1360.7472	1360.751	0.0038	3	60	71	LLDSSTVTHLFK	48	99.441					Mascot
1360.7472	1360.751	0.0038	3	60	71	LLDSSTVTHLFK							Mascot
1503.6859	1503.6841	-0.0018	-1	105	116	YGYEIPVDMLCK	41	97.178	Carbamidomethyl (C)[11], Oxidation (M)[9]				Mascot
1503.6859	1503.6841	-0.0018	-1	105	116	YGYEIPVDMLCK			Carbamidomethyl (C)[11], Oxidation (M)[9]				Mascot
1860.8137	1860.8124	-0.0013	-1	72	88	ITESIGCVMTGMTADSR			Carbamidomethyl (C)[7], Oxidation (M)[9,12]				Mascot
1864.0175	1864.0164	-0.0011	-1	229	245	ILTEAEIDAHLVALAER							Mascot
1979.0444	1979.0441	-0.0003	0	229	246	ILTEAEIDAHLVALAERD	19	0					Mascot
1979.0444	1979.0441	-0.0003	0	229	246	ILTEAEIDAHLVALAERD							Mascot

3	proteasome (prosome, macropain) subunit, alpha type 6, isoform CRA_b [Mus musculus]	gi|148704781	Mascot	28353.2	6.99	10	294	100	840890.75	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1156.611	1156.6145	0.0035	3	17	26	HITIFSPEGR	36	90.103			Mascot
1156.611	1156.6145	0.0035	3	17	26	HITIFSPEGR					Mascot
1160.5986	1160.5988	0.0002	0	27	35	LYQVEYAFK					Mascot
1218.6511	1218.6398	-0.0113	-9	49	59	GKDCAVIVTQK			Carbamidomethyl (C)[4]		Mascot
1285.7223	1285.7268	0.0045	3	36	48	AINQGGLTSVAVR	37	93.216			Mascot
1285.7223	1285.7268	0.0045	3	36	48	AINQGGLTSVAVR					Mascot
1337.5289	1337.5271	-0.0018	-1	159	169	CDPAGYYCGFK	40	96.105	Carbamidomethyl (C)[1,8]		Mascot
1337.5289	1337.5271	-0.0018	-1	159	169	CDPAGYYCGFK			Carbamidomethyl (C)[1,8]		Mascot
1360.7472	1360.751	0.0038	3	65	76	LLDSSTVTHLFK	48	99.441			Mascot
1360.7472	1360.751	0.0038	3	65	76	LLDSSTVTHLFK					Mascot
1503.6859	1503.6841	-0.0018	-1	110	121	YGYEIPVDMLCK	41	97.178	Carbamidomethyl (C)[11], Oxidation (M)[9]		Mascot
1503.6859	1503.6841	-0.0018	-1	110	121	YGYEIPVDMLCK			Carbamidomethyl (C)[11], Oxidation (M)[9]		Mascot
1860.8137	1860.8124	-0.0013	-1	77	93	ITESIGCVMTGMTADSR			Carbamidomethyl (C)[7], Oxidation (M)[9,12]		Mascot
1864.0175	1864.0164	-0.0011	-1	234	250	ILTEAEIDAHLVALAER					Mascot
1979.0444	1979.0441	-0.0003	0	234	251	ILTEAEIDAHLVALAERD	19	0			Mascot
1979.0444	1979.0441	-0.0003	0	234	251	ILTEAEIDAHLVALAERD					Mascot

4	proteasome (prosome, macropain) subunit, alpha type	gi|148704780	Mascot	16347.2	9.17	7	213	100	840890.75	100	

6, isoform CRA_a [Mus musculus]

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1156.611	1156.6145	0.0035	3	17	26	HITIFSPEGR	36	90.103			Mascot
1156.611	1156.6145	0.0035	3	17	26	HITIFSPEGR					Mascot
1160.5986	1160.5988	0.0002	0	27	35	LYQVEYAFK					Mascot
1218.6511	1218.6398	-0.0113	-9	49	59	GKDCAVIVTQK			Carbamidomethyl (C)[4]		Mascot
1285.7223	1285.7268	0.0045	3	36	48	AINQGGLTSVAVR	37	93.216			Mascot
1285.7223	1285.7268	0.0045	3	36	48	AINQGGLTSVAVR					Mascot
1360.7472	1360.751	0.0038	3	65	76	LLDSSTVTHLFK	48	99.441			Mascot
1360.7472	1360.751	0.0038	3	65	76	LLDSSTVTHLFK					Mascot
1503.6859	1503.6841	-0.0018	-1	110	121	YGYEIPVDMLCK	41	97.178	Carbamidomethyl (C)[11], Oxidation (M)[9]		Mascot
1503.6859	1503.6841	-0.0018	-1	110	121	YGYEIPVDMLCK			Carbamidomethyl (C)[11], Oxidation (M)[9]		Mascot
1860.8137	1860.8124	-0.0013	-1	77	93	ITESIGCVMTGMTADSR			Carbamidomethyl (C)[7], Oxidation (M)[9,12]		Mascot

5	unc-5 homolog D (C. elegans) [Mus musculus]	gi|148700837	Mascot	95127.3	5.65	9	33	0	840890.75		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1156.6222	1156.6145	-0.0077	-7	426	435	GFSTIHPRNK					Mascot
1156.6222	1156.6145	-0.0077	-7	426	435	GFSTIHPRNK					Mascot
1204.6144	1204.5642	-0.0502	-42	755	764	GKDWQMLAQK					Mascot
1218.5862	1218.6398	0.0536	44	79	88	KNFEQDPQGR					Mascot
1337.6094	1337.5271	-0.0823	-62	414	425	NHSGTFPHGNNR					Mascot
1337.6094	1337.5271	-0.0823	-62	414	425	NHSGTFPHGNNR					Mascot
1525.7679	1525.6613	-0.1066	-70	394	407	VQSSFMVSLGVSER					Mascot
1768.9263	1768.8573	-0.069	-39	392	407	VKVQSSFMVSLGVSER			Oxidation (M)[8]		Mascot
2211.0864	2211.103	0.0166	8	394	413	VQSSFMVSLGVSERAEYHGK					Mascot
2233.0759	2233.0874	0.0115	5	414	433	NHSGTFPHGNNRGFSTIHPR					Mascot
2238.9941	2239.1362	0.1421	63	198	218	TCTNPAPLNGGAFCEGMSVQK			Carbamidomethyl (C)[2,14]		Mascot
2238.9941	2239.1362	0.1421	63	198	218	TCTNPAPLNGGAFCEGMSVQK			Carbamidomethyl (C)[2,14]		Mascot

Gel Idx/Pos	45/B14	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	ferritin heavy chain 1 [Mus musculus]	gi|6753912	Mascot	21224.3	5.53	9	170	100	303651.5	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
876.5189	876.5195	0.0006	1	81	87	IFLQDIK					Mascot
876.5189	876.5195	0.0006	1	81	87	IFLQDIK					Mascot
1153.5961	1153.6055	0.0094	8	148	157	ELGDHVTNLR	13	0			Mascot
1153.5961	1153.6055	0.0094	8	148	157	ELGDHVTNLR					Mascot
1267.7004	1267.6993	-0.0011	-1	110	120	SVNQSLLELHK					Mascot
1267.7004	1267.6993	-0.0011	-1	110	120	SVNQSLLELHK					Mascot
1281.691	1281.7113	0.0203	16	148	158	ELGDHVTNLRK					Mascot
1345.6284	1345.6346	0.0062	5	55	64	YFLHQSHEER	45	98.477			Mascot
1345.6284	1345.6346	0.0062	5	55	64	YFLHQSHEER					Mascot
1529.7091	1529.7139	0.0048	3	11	23	QNYHQDAEAAINR	39	94.921			Mascot
1529.7091	1529.7139	0.0048	3	11	23	QNYHQDAEAAINR					Mascot
1661.7186	1661.7206	0.002	1	159	173	MGAPEAGMAEYLFDK			Oxidation (M)[1,8]		Mascot
1661.7186	1661.7206	0.002	1	159	173	MGAPEAGMAEYLFDK			Oxidation (M)[1,8]		Mascot
1789.8136	1789.8235	0.0099	6	158	173	KMGAPEAGMAEYLFDK			Oxidation (M)[2,9]		Mascot
1939.9045	1939.9094	0.0049	3	55	69	YFLHQSHEEREHAEK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	ferritin, heavy polypeptide 1 [Rattus norvegicus]	gi|6978859	Mascot	21257.3	5.62	8	119	100	303651.5	99.915

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
876.5189	876.5195	0.0006	1	81	87	IFLQDIK					Mascot
876.5189	876.5195	0.0006	1	81	87	IFLQDIK					Mascot
1153.5961	1153.6055	0.0094	8	148	157	ELGDHVTNLR	13	0			Mascot
1153.5961	1153.6055	0.0094	8	148	157	ELGDHVTNLR					Mascot
1267.7004	1267.6993	-0.0011	-1	110	120	SVNQSLLELHK					Mascot
1267.7004	1267.6993	-0.0011	-1	110	120	SVNQSLLELHK					Mascot

1281.691	1281.7113	0.0203	16	148	158	ELGDHVTNLRK								Mascot
1345.6284	1345.6346	0.0062	5	55	64	YFLHQSHEER		45	98.477					Mascot
1345.6284	1345.6346	0.0062	5	55	64	YFLHQSHEER								Mascot
1661.7186	1661.7206	0.002	1	159	173	MGAPESGMAEYLFDK				Oxidation (M)[1]				Mascot
1661.7186	1661.7206	0.002	1	159	173	MGAPESGMAEYLFDK				Oxidation (M)[1]				Mascot
1789.8136	1789.8235	0.0099	6	158	173	KMGAPESGMAEYLFDK				Oxidation (M)[2]				Mascot
1939.9045	1939.9094	0.0049	3	55	69	YFLHQSHEEREHAEK								Mascot

3	ferritin heavy chain 1, isoform CRA_a [Mus musculus]	gi|148709383	Mascot	20883.2	6.1	8	117	100	303651.5	99.915		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
876.5189	876.5195	0.0006	1	76	82	IFLQDIK					Mascot
876.5189	876.5195	0.0006	1	76	82	IFLQDIK					Mascot
1153.5961	1153.6055	0.0094	8	143	152	ELGDHVTNLR	13	0			Mascot
1153.5961	1153.6055	0.0094	8	143	152	ELGDHVTNLR					Mascot
1267.7004	1267.6993	-0.0011	-1	105	115	SVNQSLLELHK					Mascot
1267.7004	1267.6993	-0.0011	-1	105	115	SVNQSLLELHK					Mascot
1281.691	1281.7113	0.0203	16	143	153	ELGDHVTNLRK					Mascot
1345.6284	1345.6346	0.0062	5	50	59	YFLHQSHEER	45	98.477			Mascot
1345.6284	1345.6346	0.0062	5	50	59	YFLHQSHEER					Mascot
1661.7186	1661.7206	0.002	1	154	168	MGAPEAGMAEYLFDK			Oxidation (M)[1,8]		Mascot
1661.7186	1661.7206	0.002	1	154	168	MGAPEAGMAEYLFDK			Oxidation (M)[1,8]		Mascot
1789.8136	1789.8235	0.0099	6	153	168	KMGAPEAGMAEYLFDK			Oxidation (M)[2,9]		Mascot
1939.9045	1939.9094	0.0049	3	50	64	YFLHQSHEEREHAEK					Mascot

4	Sftpa1 protein [Mus musculus]	gi|38174325	Mascot	20839.1	5.23	5	35	0	303651.5			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1359.5919	1359.651	0.0591	43	161	171	EKCVEMYTDGK			Carbamidomethyl (C)[3]		Mascot
1359.5919	1359.651	0.0591	43	161	171	EKCVEMYTDGK			Carbamidomethyl (C)[3]		Mascot
1526.7314	1526.7084	-0.023	-15	92	105	EMCTRAGGHIAAPR			Carbamidomethyl (C)[3]		Mascot
1529.724	1529.7139	-0.0101	-7	176	187	GCLQYRLAICEF			Carbamidomethyl (C)[2,10]		Mascot
1529.724	1529.7139	-0.0101	-7	176	187	GCLQYRLAICEF			Carbamidomethyl (C)[2,10]		Mascot
1543.7963	1543.728	-0.0683	-44	106	119	NPEENEAIASITKK					Mascot

1543.7963	1543.728	-0.0683	-44	106	119	NPEENEAIASITKK								Mascot
1661.6935	1661.7206	0.0271	16	163	175	CVEMYTDGKWNDK						Carbamidomethyl (C)[1], Oxidation (M)[4]		Mascot
1661.6935	1661.7206	0.0271	16	163	175	CVEMYTDGKWNDK						Carbamidomethyl (C)[1], Oxidation (M)[4]		Mascot

5	unnamed protein product [Mus musculus]	gi|74219885	Mascot	153837.8	5.57	13	31	0	303651.5		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4574	864.4966	0.0392	45	244	250	EEFGRVK					Mascot
1045.516	1045.5696	0.0536	51	1316	1325	DIGAKGLNEE					Mascot
1289.6598	1289.6954	0.0356	28	31	42	GSSFQTVSALHR					Mascot
1345.707	1345.6346	-0.0724	-54	668	679	AKLQTENGELSR					Mascot
1345.7257	1345.6346	-0.0911	-68	43	53	ENLNKLMTNLR					Mascot
1488.7064	1488.6921	-0.0143	-10	505	516	IEELEEELEAER					Mascot
1512.7588	1512.6847	-0.0741	-49	1175	1186	NMEQTIKDLQHR					Mascot
1526.7283	1526.7084	-0.0199	-13	210	221	AFMGVKNWPWMK			Oxidation (M)[3,11]		Mascot
1543.6758	1543.728	0.0522	34	850	862	YEESQSELESSQK					Mascot
1543.6758	1543.728	0.0522	34	850	862	YEESQSELESSQK					Mascot
1551.7207	1551.6935	-0.0272	-18	451	463	LTQESIMDLENDK			Oxidation (M)[7]		Mascot
1661.7612	1661.7206	-0.0406	-24	1271	1285	QAEEAEEQANTNLSK					Mascot
1661.7612	1661.7206	-0.0406	-24	1271	1285	QAEEAEEQANTNLSK					Mascot
2239.1162	2239.1399	0.0237	11	612	630	SEFKLELDDVTSNMEQIIK					Mascot
2299.0796	2299.1787	0.0991	43	275	294	NDLQLQVQAEQDNLADA EER					Mascot

Gel Idx/Pos	34/B15	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74207056	Mascot	51611.2	6.05	17	176	100	508260.31	99.039

Protein Group

Coronin, actin binding protein 1A [Mus musculus]	gi|31418362	51701.2	6.0500 001907 3486
coronin, actin binding protein 1A [Mus musculus]	gi|6753492	51641.2	6.0500 001907 3486

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5363	868.5499	0.0136	16	200	206	VRVIEPR					Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK	4	0			Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK					Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR	2	0			Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR					Mascot
899.5308	899.5327	0.0019	2	439	446	NLNAIVQK					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
1026.6194	1026.6173	-0.0021	-2	384	393	DAGPLLISLK					Mascot
1152.5137	1152.5182	0.0045	4	187	196	DGALICTSCR			Carbamidomethyl (C)[6,9]		Mascot
1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR	8	0	Carbamidomethyl (C)[4]		Mascot
1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR			Carbamidomethyl (C)[4]		Mascot
1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK					Mascot
1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK					Mascot
1189.5704	1189.5718	0.0014	1	345	354	CEPIAMTVPR			Carbamidomethyl (C)[1], Oxidation (M)[6]		Mascot
1223.6631	1223.6632	0.0001	0	122	132	EPVITLEGHTK					Mascot
1301.7059	1301.7073	0.0014	1	451	461	LDRLEETVQAK					Mascot
1317.6654	1317.663	-0.0024	-2	344	354	KCEPIAMTVPR			Carbamidomethyl (C)[2], Oxidation (M)[7]		Mascot
1317.6654	1317.663	-0.0024	-2	345	355	CEPIAMTVPRK			Carbamidomethyl (C)[1], Oxidation (M)[6]		Mascot
1588.745	1588.7427	-0.0023	-1	417	432	ATPEPSGTPSSDTVSR					Mascot
1796.8273	1796.828	0.0007	0	30	45	VSQTTWDSGFCAVNPK			Carbamidomethyl (C)[11]		Mascot

	2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK		33	76.467						Mascot
	2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK									Mascot
2	unnamed protein product [Mus musculus]					gi|74192405		Mascot	51669.2	6.05	16	166	100	508260.31	99.039	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5363	868.5499	0.0136	16	200	206	VRVIEPR					Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK	4	0			Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK					Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR	2	0			Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR					Mascot
899.5308	899.5327	0.0019	2	439	446	NLNAIVQK					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
1026.6194	1026.6173	-0.0021	-2	384	393	DAGPLLISLK					Mascot
1152.5137	1152.5182	0.0045	4	187	196	DGALICTSCR			Carbamidomethyl (C)[6,9]		Mascot
1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR	8	0	Carbamidomethyl (C)[4]		Mascot
1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR			Carbamidomethyl (C)[4]		Mascot
1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK					Mascot
1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK					Mascot
1189.5704	1189.5718	0.0014	1	345	354	CEPIAMTVPR			Carbamidomethyl (C)[1], Oxidation (M)[6]		Mascot
1223.6631	1223.6632	0.0001	0	122	132	EPVITLEGHTK					Mascot
1301.7059	1301.7073	0.0014	1	451	461	LDRLEETVQAK					Mascot
1317.6654	1317.663	-0.0024	-2	344	354	KCEPIAMTVPR			Carbamidomethyl (C)[2], Oxidation (M)[7]		Mascot
1317.6654	1317.663	-0.0024	-2	344	354	KCEPIAMTVPR			Carbamidomethyl (C)[2], Oxidation (M)[7]		Mascot
1588.745	1588.7427	-0.0023	-1	417	432	ATPEPSGTPSSDTVSR					Mascot
1796.8273	1796.828	0.0007	0	30	45	VSQTTWDSGFCAVNPK			Carbamidomethyl (C)[11]		Mascot
2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK	33	76.467			Mascot
2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK					Mascot

3	unnamed protein product [Mus musculus]					gi|74181442		Mascot	51614.2	6.05	16	165	100	508260.31	99.039	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	868.5363	868.5499	0.0136	16	200	206	VRVIEPR							Mascot
	883.4785	883.4869	0.0084	10	13	20	HVFGQPAK		4	0				Mascot
	883.4785	883.4869	0.0084	10	13	20	HVFGQPAK							Mascot
	894.5043	894.5099	0.0056	6	234	241	ILTTGFSR		2	0				Mascot
	894.5043	894.5099	0.0056	6	234	241	ILTTGFSR							Mascot
	992.5312	992.5035	-0.0277	-28	337	343	FYKLHER							Mascot
	992.5312	992.5035	-0.0277	-28	337	343	FYKLHER							Mascot
	1026.6194	1026.6173	-0.0021	-2	384	393	DAGPLLISLK							Mascot
	1152.5137	1152.5182	0.0045	4	187	196	DGALICTSCR				Carbamidomethyl (C)[6,9]			Mascot
	1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR		8	0	Carbamidomethyl (C)[4]			Mascot
	1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR				Carbamidomethyl (C)[4]			Mascot
	1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK							Mascot
	1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK							Mascot
	1189.5704	1189.5718	0.0014	1	345	354	CEPIAMTVPR				Carbamidomethyl (C)[1], Oxidation (M)[6]			Mascot
	1223.6631	1223.6632	0.0001	0	122	132	EPVITLEGHTK							Mascot
	1301.7059	1301.7073	0.0014	1	451	461	LDRLEETVQAK							Mascot
	1317.6654	1317.663	-0.0024	-2	344	354	KCEPIAMTVPR				Carbamidomethyl (C)[2], Oxidation (M)[7]			Mascot
	1317.6654	1317.663	-0.0024	-2	345	355	CEPIAMTVPRK				Carbamidomethyl (C)[1], Oxidation (M)[6]			Mascot
	1588.745	1588.7427	-0.0023	-1	417	432	ATPEPSGTPSSDTVSR							Mascot
	1796.8273	1796.828	0.0007	0	30	45	VSQTTWDSGFCAVNPK				Carbamidomethyl (C)[11]			Mascot
	2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK		33	76.467				Mascot
	2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK							Mascot

4	coronin-1 [Mus musculus]	gi|4895037	Mascot	51627.2	6.05	16	165	100	508260.31	99.039	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5363	868.5499	0.0136	16	200	206	VRVIEPR					Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK	4	0			Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK					Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR	2	0			Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR					Mascot
899.5308	899.5327	0.0019	2	439	446	NLNAIVQK					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot

	1026.6194	1026.6173	-0.0021	-2	384	393	DAGPLLISLK							Mascot
	1152.5137	1152.5182	0.0045	4	187	196	DGALICTSCR				Carbamidomethyl (C)[6,9]			Mascot
	1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR	8	0	Carbamidomethyl (C)[4]				Mascot
	1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR			Carbamidomethyl (C)[4]				Mascot
	1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK							Mascot
	1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK							Mascot
	1189.5704	1189.5718	0.0014	1	345	354	CEPIAMTVPR				Carbamidomethyl (C)[1], Oxidation (M)[6]			Mascot
	1301.7059	1301.7073	0.0014	1	451	461	LDRLEETVQAK							Mascot
	1317.6654	1317.663	-0.0024	-2	344	354	KCEPIAMTVPR				Carbamidomethyl (C)[2], Oxidation (M)[7]			Mascot
	1317.6654	1317.663	-0.0024	-2	345	355	CEPIAMTVPRK				Carbamidomethyl (C)[1], Oxidation (M)[6]			Mascot
	1588.745	1588.7427	-0.0023	-1	417	432	ATPEPSGTPSSDTVSR							Mascot
	1796.8273	1796.828	0.0007	0	30	45	VSQTTWDSGFCAVNPK				Carbamidomethyl (C)[11]			Mascot
	2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK	33	76.467					Mascot
	2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK							Mascot

5	Chain A, Crystal Structure Of Murine Coronin-1	gi|83754025	Mascot	44716.5	6.03	14	151	100	508260.31	99.039

Protein Group

	Chain A, Crystal Structure Of Murine Coronin-1: Monoclinic Form	gi|83754226		44961.6	6.03000020980835					

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5363	868.5499	0.0136	16	200	206	VRVIEPR					Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK	4	0			Mascot
883.4785	883.4869	0.0084	10	13	20	HVFGQPAK					Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR	2	0			Mascot
894.5043	894.5099	0.0056	6	234	241	ILTTGFSR					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
992.5312	992.5035	-0.0277	-28	337	343	FYKLHER					Mascot
1026.6194	1026.6173	-0.0021	-2	384	393	DAGPLLISLK					Mascot
1152.5137	1152.5182	0.0045	4	187	196	DGALICTSCR			Carbamidomethyl (C)[6,9]		Mascot
1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR	8	0	Carbamidomethyl (C)[4]		Mascot
1155.4735	1155.4786	0.0051	4	21	29	ADQCYEDVR			Carbamidomethyl (C)[4]		Mascot
1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK					Mascot
1186.6481	1186.6473	-0.0008	-1	11	20	FRHVFGQPAK					Mascot

1189.5704	1189.5718	0.0014	1	345	354	CEPIAMTVPR			Carbamidomethyl (C)[1], Oxidation (M)[6]		Mascot
1223.6631	1223.6632	0.0001	0	122	132	EPVITLEGHTK					Mascot
1301.6705	1301.7073	0.0368	28	345	355	CEPIAMTVPRK			Carbamidomethyl (C)[1]		Mascot
1317.6654	1317.663	-0.0024	-2	344	354	KCEPIAMTVPR			Carbamidomethyl (C)[2], Oxidation (M)[7]		Mascot
1317.6654	1317.663	-0.0024	-2	345	355	CEPIAMTVPRK			Carbamidomethyl (C)[1], Oxidation (M)[6]		Mascot
1796.8273	1796.828	0.0007	0	30	45	VSQTTWDSGFCAVNPK			Carbamidomethyl (C)[11]		Mascot
2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK	33	83.663			Mascot
2118.084	2118.0867	0.0027	1	215	233	DRPHEGTRPVHAVFVSEGK					Mascot

Gel Idx/Pos	46/B16	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	10		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	glyoxalase 1 [Mus musculus]	gi|165932331	Mascot	20967.4	5.24	10	96	99.997	347392.28	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
837.4175	837.4108	-0.0067	-8	61	67	LDFPAMK			Oxidation (M)[6]		Mascot
868.4312	868.4918	0.0606	70	89	95	TAWTFSR					Mascot
901.4414	901.4394	-0.002	-2	45	51	SLDFYTR					Mascot
977.5414	977.5505	0.0091	9	141	148	RFEELGVK					Mascot
977.5414	977.5505	0.0091	9	141	148	RFEELGVK					Mascot
984.6452	984.6343	-0.0109	-11	52	60	VLGLTLLQK					Mascot
1029.5364	1029.5404	0.004	4	44	51	KSLDFYTR					Mascot
1029.5364	1029.5404	0.004	4	44	51	KSLDFYTR					Mascot
1280.6667	1280.6583	-0.0084	-7	29	38	DFLLQQTMLR	12	0	Oxidation (M)[8]		Mascot
1280.6667	1280.6583	-0.0084	-7	29	38	DFLLQQTMLR			Oxidation (M)[8]		Mascot
1395.6831	1395.6672	-0.0159	-11	68	78	FSLYFLAYEDK					Mascot
1790.8895	1790.8835	-0.006	-3	124	140	GFGHIGIAVPDVYSACK			Carbamidomethyl (C)[16]		Mascot
1790.8895	1790.8835	-0.006	-3	124	140	GFGHIGIAVPDVYSACK			Carbamidomethyl (C)[16]		Mascot
1962.9847	1962.9559	-0.0288	-15	68	83	FSLYFLAYEDKNDIPK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Glyoxalase 1 [Mus musculus]	gi|19354350	Mascot	20997.4	5.24	9	83	99.933	347392.28	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
837.4175	837.4108	-0.0067	-8	61	67	LDFPAMK			Oxidation (M)[6]		Mascot
901.4414	901.4394	-0.002	-2	45	51	SLDFYTR					Mascot
977.5414	977.5505	0.0091	9	141	148	RFEELGVK					Mascot
977.5414	977.5505	0.0091	9	141	148	RFEELGVK					Mascot
984.6452	984.6343	-0.0109	-11	52	60	VLGLTLLQK					Mascot
1029.5364	1029.5404	0.004	4	44	51	KSLDFYTR					Mascot
1029.5364	1029.5404	0.004	4	44	51	KSLDFYTR					Mascot

1280.6667	1280.6583	-0.0084	-7	29	38	DFLLQQTMLR		12	0	Oxidation (M)[8]				Mascot
1280.6667	1280.6583	-0.0084	-7	29	38	DFLLQQTMLR				Oxidation (M)[8]				Mascot
1395.6831	1395.6672	-0.0159	-11	68	78	FSLYFLAYEDK								Mascot
1790.8895	1790.8835	-0.006	-3	124	140	GFGHIGIAVPDVYSACK				Carbamidomethyl (C)[16]				Mascot
1790.8895	1790.8835	-0.006	-3	124	140	GFGHIGIAVPDVYSACK				Carbamidomethyl (C)[16]				Mascot
1962.9847	1962.9559	-0.0288	-15	68	83	FSLYFLAYEDKNDIPK								Mascot

3	RIKEN cDNA 1700007G11, isoform CRA_c [Mus musculus]	gi|148688385	Mascot	9342.7	4.44	4	34	0	347392.28	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5363	856.5344	-0.0019	-2	66	73	KAAINIAR					Mascot
894.4315	894.4113	-0.0202	-23	60	66	EDFEARK					Mascot
922.4377	922.408	-0.0297	-32	59	65	REDFEAR					Mascot
977.5414	977.5505	0.0091	9	44	51	QLVELGYR					Mascot
977.5414	977.5505	0.0091	9	44	51	QLVELGYR					Mascot

4	PREDICTED: hypothetical protein [Mus musculus]	gi|149258092	Mascot	24495.4	11.19	5	33	0	347392.28	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1296.673	1296.6687	-0.0043	-3	90	101	MAHTIGISVDPR					Mascot
1395.7202	1395.6672	-0.053	-38	6	16	NDMILKPHFHK			Oxidation (M)[3]		Mascot
1474.7609	1474.6904	-0.0705	-48	104	116	NKSTESLQANVQR					Mascot
1790.9482	1790.8835	-0.0647	-36	2	16	APSRNDMILKPHFHK					Mascot
1790.9482	1790.8835	-0.0647	-36	2	16	APSRNDMILKPHFHK					Mascot
2313.2119	2313.1829	-0.029	-13	137	158	GDSSAEELKLATQLTGPV MPIR					Mascot

5	checkpoint suppressor 1 [Mus musculus]	gi|51093870	Mascot	50713	7.18	7	31	0	347392.28	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
837.3883	837.4108	0.0225	27	277	283	NSITSCR			Carbamidomethyl (C)[6]		Mascot
870.5043	870.552	0.0477	55	366	373	KPSPKEGK					Mascot
894.468	894.4113	-0.0567	-63	75	82	SFGESVLR					Mascot

901.4526	901.4394	-0.0132	-15	26	33	YRGSGFSK		Mascot
1045.5533	1045.5634	0.0101	10	1	10	MGPVMPASKK		Mascot
1395.6362	1395.6672	0.031	22	186	196	GSLWCIDPEYR	Carbamidomethyl (C)[5]	Mascot
2839.3779	2839.3015	-0.0764	-27	409	434	TEKPPESDDEEMKEAAG SLLHLAGIR	Oxidation (M)[12]	Mascot

Gel Idx/Pos	35/B17	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	383890.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.136	0.0183	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.136	0.0183	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1597	0.0911	41	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1772	0.0273	12	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	RAB35, member RAS oncogene family [Homo sapiens]	gi|5803135	Mascot	23295.9	8.52	4	32	0	383890.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2221.1499	2221.1235	-0.0264	-12	80	100	GTHGVIVVYDVTSAESFVNVK					Mascot
2221.1499	2221.1235	-0.0264	-12	80	100	GTHGVIVVYDVTSAESFVNVK					Mascot
2225.0576	2225.1226	0.065	29	153	170	ENVNVEEMFNCITELVLR			Carbamidomethyl (C)[11], Oxidation (M)[8]		Mascot
2678.3018	2678.3948	0.093	35	129	152	VVETEDAYKFAGQMGIQLFETSAK			Oxidation (M)[14]		Mascot
2752.4192	2752.3167	-0.1025	-37	22	46	SSLLLRFADNTFSGSYITTIGVDFK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	Puf60 protein [Mus musculus]	gi|14714891	Mascot	54165.7	5.23	6	29	0	383890.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4843	842.5085	0.0242	29	468	475	AIQALNGR					Mascot
892.5138	892.5201	0.0063	7	436	442	VIIYQEK					Mascot
1113.5609	1113.5471	-0.0138	-12	29	37	KYAMEQSIK			Oxidation (M)[4]		Mascot
2233.1599	2233.095	-0.0649	-29	436	454	VIIYQEKQGEEEDAEIIVK					Mascot
2811.4194	2811.3091	-0.1103	-39	1	26	MENGQSTGTKLGLPPLTPEQQEALQK			Oxidation (M)[1]		Mascot

	2811.4194	2811.3091	-0.1103	-39	1	26	MENGQSTGTKLGLPPLTPEQQEALQK				Oxidation (M)[1]				Mascot
	3353.6294	3353.7395	0.1101	33	109	138	HKGFAFVEYEVPEAAQLALEQMNSVMLGGR				Oxidation (M)[22,26]				Mascot
4	cornichon homolog 4 (Drosophila), isoform CRA_a [Mus musculus]						gi|148681182	Mascot	9270.7	7.93	3	27	0	383890.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.5333	1106.543	0.0097	9	48	56	SHMKEAMIK			Oxidation (M)[3,7]		Mascot
2261.0842	2261.1211	0.0369	16	24	43	FIMVPSGNMGVFDPTEIHNR					Mascot
2261.0842	2261.1211	0.0369	16	24	43	FIMVPSGNMGVFDPTEIHNR					Mascot
2752.3477	2752.3167	-0.031	-11	57	78	LGFYLLCFFMYLYSMILALIND			Carbamidomethyl (C)[7], Oxidation (M)[10,15]		Mascot

5	tripartite motif protein 2, isoform CRA_a [Mus musculus]						gi|148683461	Mascot	62347.5	8.74	6	27	0	383890.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4553	842.5085	0.0532	63	52	58	SLPLCPR			Carbamidomethyl (C)[5]		Mascot
1113.5358	1113.5471	0.0113	10	277	286	RPASMYSTGK			Oxidation (M)[5]		Mascot
1963.0033	1962.915	-0.0883	-45	222	237	EGDFTLSLRLYDQHIR					Mascot
2247.0103	2247.1597	0.1494	66	10	30	WNADGSEPPEWAGVEVGSFGR					Mascot
2268.1077	2268.1941	0.0864	38	100	118	QMSEKLNELADQDFPLHPR					Mascot
3353.5691	3353.7395	0.1704	51	178	209	DGELCKTGNAYLTAELSTPDGSVADGEILDNK			Carbamidomethyl (C)[5]		Mascot

Gel Idx/Pos	47/B18	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74185120	Mascot	42989.3	5.4	9	317	100	617939.81	100

Protein Group

creatine kinase, brain [Mus musculus]	gi|10946574	42971.4	5.4000000953 6743	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1159.5491	1159.5543	0.0052	4	2	11	PFSNSHNTQK					Mascot
1230.5508	1230.5516	0.0008	1	139	148	GFCLPPHCSR	37	90.919	Carbamidomethyl (C)[3,8]		Mascot
1230.5508	1230.5516	0.0008	1	139	148	GFCLPPHCSR			Carbamidomethyl (C)[3,8]		Mascot
1246.6315	1246.6271	-0.0044	-4	87	96	DLFDPIIEER	52	99.731			Mascot
1246.6315	1246.6271	-0.0044	-4	87	96	DLFDPIIEER					Mascot
1254.5498	1254.5403	-0.0095	-8	97	107	HGGYQPSDEHK					Mascot
1303.7257	1303.7244	-0.0013	-1	33	43	VLTPELYAELR	46	98.867			Mascot
1303.7257	1303.7244	-0.0013	-1	33	43	VLTPELYAELR					Mascot
1602.8334	1602.8331	-0.0003	0	157	172	LAVEALSSLDGDLSGR	115	100			Mascot
1602.8334	1602.8331	-0.0003	0	157	172	LAVEALSSLDGDLSGR					Mascot
2201.9556	2201.9644	0.0088	4	14	32	FPAEDEFPDLSSHNNHMAK			Oxidation (M)[17]		Mascot
2201.9556	2201.9644	0.0088	4	14	32	FPAEDEFPDLSSHNNHMAK			Oxidation (M)[17]		Mascot
2471.1409	2471.1528	0.0119	5	12	32	LRFPAEDEFPDLSSHNNHMAK			Oxidation (M)[19]		Mascot
2471.1409	2471.1528	0.0119	5	12	32	LRFPAEDEFPDLSSHNNHMAK			Oxidation (M)[19]		Mascot
2518.1692	2518.1741	0.0049	2	108	130	TDLNPDNLQGGDDLDPNYVLSSR	9	0			Mascot
2518.1692	2518.1741	0.0049	2	108	130	TDLNPDNLQGGDDLDPNYVLSSR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|12852054	Mascot	42985.4	5.47	7	296	100	617939.81	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1159.5491	1159.5543	0.0052	4	2	11	PFSNSHNTQK					Mascot

1230.5508	1230.5516	0.0008	1	139	148	GFCLPPHCSR		37	90.919	Carbamidomethyl (C)[3,8]					Mascot
1230.5508	1230.5516	0.0008	1	139	148	GFCLPPHCSR				Carbamidomethyl (C)[3,8]					Mascot
1246.6315	1246.6271	-0.0044	-4	87	96	DLFDPIIEER		52	99.731						Mascot
1246.6315	1246.6271	-0.0044	-4	87	96	DLFDPIIEER									Mascot
1254.5498	1254.5403	-0.0095	-8	97	107	HGGYQPSDEHK									Mascot
1303.7257	1303.7244	-0.0013	-1	33	43	VLTPELYAELR		46	98.867						Mascot
1303.7257	1303.7244	-0.0013	-1	33	43	VLTPELYAELR									Mascot
1602.8334	1602.8331	-0.0003	0	157	172	LAVEALSSLDGDLSGR		115	100						Mascot
1602.8334	1602.8331	-0.0003	0	157	172	LAVEALSSLDGDLSGR									Mascot
2518.1692	2518.1741	0.0049	2	108	130	TDLNPDNLQGGDDLDPNYVLSSR		9	0						Mascot
2518.1692	2518.1741	0.0049	2	108	130	TDLNPDNLQGGDDLDPNYVLSSR									Mascot

3	unnamed protein product [Mus musculus]			gi|74223625		Mascot	43011.4	5.46	8	271	100	617939.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1159.5491	1159.5543	0.0052	4	2	11	PFSNSHNTQK					Mascot
1246.6315	1246.6271	-0.0044	-4	87	96	DLFDPIIEER	52	99.731			Mascot
1246.6315	1246.6271	-0.0044	-4	87	96	DLFDPIIEER					Mascot
1254.5498	1254.5403	-0.0095	-8	97	107	HGGYQPSDEHK					Mascot
1303.7257	1303.7244	-0.0013	-1	33	43	VLTPELYAELR	46	98.867			Mascot
1303.7257	1303.7244	-0.0013	-1	33	43	VLTPELYAELR					Mascot
1602.8334	1602.8331	-0.0003	0	157	172	LAVEALSSLDGDLSGR	115	100			Mascot
1602.8334	1602.8331	-0.0003	0	157	172	LAVEALSSLDGDLSGR					Mascot
2201.9556	2201.9644	0.0088	4	14	32	FPAEDEFPDLSSHNNHMAK			Oxidation (M)[17]		Mascot
2201.9556	2201.9644	0.0088	4	14	32	FPAEDEFPDLSSHNNHMAK			Oxidation (M)[17]		Mascot
2471.1409	2471.1528	0.0119	5	12	32	LRFPAEDEFPDLSSHNNHMAK			Oxidation (M)[19]		Mascot
2471.1409	2471.1528	0.0119	5	12	32	LRFPAEDEFPDLSSHNNHMAK			Oxidation (M)[19]		Mascot
2518.1692	2518.1741	0.0049	2	108	130	TDLNPDNLQGGDDLDPNYVLSSR	9	0			Mascot
2518.1692	2518.1741	0.0049	2	108	130	TDLNPDNLQGGDDLDPNYVLSSR					Mascot

4	mCG1689, isoform CRA_b [Mus musculus]			gi|148686674		Mascot	33066.8	7.7	3	164	100	617939.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start	End	Sequence	Ion	C. I. %	Modification	Rank	Result Type

				Seq.	Seq.		Score							
1230.5508	1230.5516	0.0008	1	50	59	GFCLPPHCSR	37	90.919	Carbamidomethyl (C)[3,8]					Mascot
1230.5508	1230.5516	0.0008	1	50	59	GFCLPPHCSR			Carbamidomethyl (C)[3,8]					Mascot
1602.8334	1602.8331	-0.0003	0	68	83	LAVEALSSLDGDLSGR	115	100						Mascot
1602.8334	1602.8331	-0.0003	0	68	83	LAVEALSSLDGDLSGR								Mascot
2040.9846	2040.9792	-0.0054	-3	1	19	SEQPQQPYGQGADPGA VRR								Mascot

5	mCG114530 [Mus musculus]		gi|148698457	Mascot	34299.3	5.85	1	120	100	617939.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1602.8334	1602.8331	-0.0003	0	78	93	LAVEALSSLDGDLSGR	115	100			Mascot
1602.8334	1602.8331	-0.0003	0	78	93	LAVEALSSLDGDLSGR					Mascot

Gel Idx/Pos	36/B19	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	prefoldin 2 [Mus musculus]	gi|31981577	Mascot	16580.6	6.19	8	181	100	450603.47	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
829.4638	829.4667	0.0029	3	33	38	LRQEQR					Mascot
975.5292	975.5298	0.0006	1	73	81	MVGGVLVER			Oxidation (M)[1]		Mascot
975.5292	975.5298	0.0006	1	73	81	MVGGVLVER			Oxidation (M)[1]		Mascot
992.5159	992.5221	0.0062	6	112	119	GKELNEFR					Mascot
1069.5889	1069.587	-0.0019	-2	85	94	EVLPALEGNK					Mascot
1371.7842	1371.7778	-0.0064	-5	100	111	IIETLSQQLQAK	35	86.691			Mascot
1371.7842	1371.7778	-0.0064	-5	100	111	IIETLSQQLQAK					Mascot
1418.7386	1418.7369	-0.0017	-1	19	32	GAVSAEQVIAGFNR	82	100			Mascot
1418.7386	1418.7369	-0.0017	-1	19	32	GAVSAEQVIAGFNR					Mascot
1695.9276	1695.9103	-0.0173	-10	85	99	EVLPALEGNKEQIQK					Mascot
2171.0901	2171.093	0.0029	1	44	62	AAELEMELNEHSLVIDTLK	4	0	Oxidation (M)[6]		Mascot
2171.0901	2171.093	0.0029	1	44	62	AAELEMELNEHSLVIDTLK			Oxidation (M)[6]		Mascot

2	prefoldin subunit 2 [Mus musculus]	gi|3212116	Mascot	16822.7	6.77	8	180	100	450603.47	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
829.4638	829.4667	0.0029	3	33	38	LRQEQR					Mascot
975.5292	975.5298	0.0006	1	73	81	MVGGVLVER			Oxidation (M)[1]		Mascot
975.5292	975.5298	0.0006	1	73	81	MVGGVLVER			Oxidation (M)[1]		Mascot
992.5159	992.5221	0.0062	6	112	119	GKELNEFR					Mascot
1069.5889	1069.587	-0.0019	-2	85	94	EVLPALEGNK					Mascot
1371.7842	1371.7778	-0.0064	-5	100	111	IIETLSQQLQAK	35	86.691			Mascot
1371.7842	1371.7778	-0.0064	-5	100	111	IIETLSQQLQAK					Mascot
1418.7386	1418.7369	-0.0017	-1	19	32	GAVSAEQVIAGFNR	82	100			Mascot
1418.7386	1418.7369	-0.0017	-1	19	32	GAVSAEQVIAGFNR					Mascot

1695.9276	1695.9103	-0.0173	-10	85	99	EVLPALEGNKEQIQK									Mascot
2171.0901	2171.093	0.0029	1	44	62	AAELEMELNEHSLVIDTLK		4	0	Oxidation (M)[6]					Mascot
2171.0901	2171.093	0.0029	1	44	62	AAELEMELNEHSLVIDTLK				Oxidation (M)[6]					Mascot

3	prefoldin 2, isoform CRA_b [Mus musculus]	gi|148707143	Mascot	11811.2	5.48	5	71	98.801	450603.47	86.691		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
975.5292	975.5298	0.0006	1	25	33	MVGGVLVER			Oxidation (M)[1]		Mascot
975.5292	975.5298	0.0006	1	25	33	MVGGVLVER			Oxidation (M)[1]		Mascot
992.5159	992.5221	0.0062	6	64	71	GKELNEFR					Mascot
1069.5889	1069.587	-0.0019	-2	37	46	EVLPALEGNK					Mascot
1371.7842	1371.7778	-0.0064	-5	52	63	IIETLSQQLQAK	35	86.691			Mascot
1371.7842	1371.7778	-0.0064	-5	52	63	IIETLSQQLQAK					Mascot
1695.9276	1695.9103	-0.0173	-10	37	51	EVLPALEGNKEQIQK					Mascot

4	NIPSNAP-related protein [Mus musculus]	gi|18028938	Mascot	28328.5	9.3	6	42	0	450603.47			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
829.4719	829.4667	-0.0052	-6	84	89	VFHIWK					Mascot
842.5458	842.5084	-0.0374	-44	2	9	LALLSGLR					Mascot
989.5812	989.5364	-0.0448	-45	1	9	MLALLSGLR			Oxidation (M)[1]		Mascot
1418.6672	1418.7369	0.0697	49	207	218	AAGRHWSHEDPR	7	0			Mascot
1418.6672	1418.7369	0.0697	49	207	218	AAGRHWSHEDPR					Mascot
1940.896	1940.9308	0.0348	18	64	80	TAHSEMIGYWTVEFGGR					Mascot
1940.896	1940.9308	0.0348	18	64	80	TAHSEMIGYWTVEFGGR					Mascot
2239.2017	2239.1357	-0.066	-29	10	30	TALAPRVLTPQVCSPFATGPR			Carbamidomethyl (C)[13]		Mascot
2239.2017	2239.1357	-0.066	-29	10	30	TALAPRVLTPQVCSPFATGPR			Carbamidomethyl (C)[13]		Mascot

5	nipsnap homolog 3A (C. elegans) [Mus musculus]	gi|123123284	Mascot	22986.8	9.54	5	42	0	450603.47			

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
829.4719	829.4667	-0.0052	-6	84	89	VFHIWK					Mascot

1418.6672	1418.7369	0.0697	49	157	168	AAGRHWSHEDPR	7	0		Mascot
1418.6672	1418.7369	0.0697	49	157	168	AAGRHWSHEDPR				Mascot
1940.896	1940.9308	0.0348	18	64	80	TAHSEMIGYWTVEFGGR				Mascot
1940.896	1940.9308	0.0348	18	64	80	TAHSEMIGYWTVEFGGR				Mascot
2083.0105	2083.0144	0.0039	2	143	160	EVHVLWWNESADSRAA GR				Mascot
2239.2017	2239.1357	-0.066	-29	10	30	TALAPRVLTPQVCSPFAT GPR			Carbamidomethyl (C)[13]	Mascot
2239.2017	2239.1357	-0.066	-29	10	30	TALAPRVLTPQVCSPFAT GPR			Carbamidomethyl (C)[13]	Mascot

Gel Idx/Pos	48/B20	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	chaperonin subunit 2 (beta) [Mus musculus]	gi|126521835	Mascot	57783.2	5.97	16	207	100	350534.66	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.4342	835.4277	-0.0065	-8	83	89	VLVDMSR			Oxidation (M)[5]		Mascot
870.5407	870.5479	0.0072	8	182	189	LAVEAVLR					Mascot
1017.4683	1017.4725	0.0042	4	528	535	RVPDHHPC			Carbamidomethyl (C)[8]		Mascot
1098.5137	1098.507	-0.0067	-6	432	441	EAVAMESFAK			Oxidation (M)[5]		Mascot
1130.5524	1130.5526	0.0002	0	285	293	HGINCFINR	45	98.602	Carbamidomethyl (C)[5]		Mascot
1130.5524	1130.5526	0.0002	0	285	293	HGINCFINR			Carbamidomethyl (C)[5]		Mascot
1237.6899	1237.6848	-0.0051	-4	192	203	GSGNLEAIHVIK					Mascot
1237.6899	1237.6848	-0.0051	-4	192	203	GSGNLEAIHVIK					Mascot
1291.645	1291.636	-0.009	-7	348	358	LIEEVMIGEDK			Oxidation (M)[6]		Mascot
1307.7219	1307.6937	-0.0282	-22	121	131	IHPQTIISGWR					Mascot
1330.6598	1330.6611	0.0013	1	377	388	GATQQILDEAER	18	0			Mascot
1330.6598	1330.6611	0.0013	1	377	388	GATQQILDEAER					Mascot
1503.8782	1503.8574	-0.0208	-14	26	40	LSSFIGAIAIGDLVK					Mascot
1548.7938	1548.8062	0.0124	8	58	72	DAALMVTNDGATILK			Oxidation (M)[5]		Mascot
1553.7377	1553.7235	-0.0142	-9	467	481	AAHSEGHITAGLDMK	20	0	Oxidation (M)[14]		Mascot
1553.7377	1553.7235	-0.0142	-9	467	481	AAHSEGHITAGLDMK			Oxidation (M)[14]		Mascot
1582.9163	1582.9023	-0.014	-9	502	516	QVLLSAAEAAEVILR					Mascot
1656.7823	1656.7758	-0.0065	-4	139	154	EALLSSAVDHGSDEAR	16	0			Mascot
1656.7823	1656.7758	-0.0065	-4	139	154	EALLSSAVDHGSDEAR					Mascot
2288.1616	2288.1614	-0.0002	0	90	111	VQDDEVGDGTTSVTVLAAELLR					Mascot
2398.095	2398.1035	0.0085	4	406	427	TVYGGGCSEMLMAHAVTQLANR			Carbamidomethyl (C)[7], Oxidation (M)[10,12]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	CCT (chaperonin containing TCP-1) beta subunit [Mus musculus]	gi|468546	Mascot	57753.2	5.97	15	200	100	350534.66	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	835.4342	835.4277	-0.0065	-8	83	89	VLVDMSR					Oxidation (M)[5]				Mascot
	1017.4683	1017.4725	0.0042	4	528	535	RVPDHHPC					Carbamidomethyl (C)[8]				Mascot
	1098.5137	1098.507	-0.0067	-6	432	441	EAVAMESFAK					Oxidation (M)[5]				Mascot
	1130.5524	1130.5526	0.0002	0	285	293	HGINCFINR			45	98.602	Carbamidomethyl (C)[5]				Mascot
	1130.5524	1130.5526	0.0002	0	285	293	HGINCFINR					Carbamidomethyl (C)[5]				Mascot
	1237.6899	1237.6848	-0.0051	-4	192	203	GSGNLEAIHVIK									Mascot
	1237.6899	1237.6848	-0.0051	-4	192	203	GSGNLEAIHVIK									Mascot
	1291.645	1291.636	-0.009	-7	348	358	LIEEVMIGEDK					Oxidation (M)[6]				Mascot
	1307.7219	1307.6937	-0.0282	-22	121	131	IHPQTIISGWR									Mascot
	1330.6598	1330.6611	0.0013	1	377	388	GATQQILDEAER			18	0					Mascot
	1330.6598	1330.6611	0.0013	1	377	388	GATQQILDEAER									Mascot
	1503.8782	1503.8574	-0.0208	-14	26	40	LSSFIGAIAIGDLVK									Mascot
	1548.7938	1548.8062	0.0124	8	58	72	DAALMVTNDGATILK					Oxidation (M)[5]				Mascot
	1553.7377	1553.7235	-0.0142	-9	467	481	AAHSEGHITAGLDMK			20	0	Oxidation (M)[14]				Mascot
	1553.7377	1553.7235	-0.0142	-9	467	481	AAHSEGHITAGLDMK					Oxidation (M)[14]				Mascot
	1582.9163	1582.9023	-0.014	-9	502	516	QVLLSAAEAAEVILR									Mascot
	1656.7823	1656.7758	-0.0065	-4	139	154	EALLSSAVDHGSDEAR			16	0					Mascot
	1656.7823	1656.7758	-0.0065	-4	139	154	EALLSSAVDHGSDEAR									Mascot
	2288.1616	2288.1614	-0.0002	0	90	111	VQDDEVGDGTTSVTVLAAELLR									Mascot
	2398.095	2398.1035	0.0085	4	406	427	TVYGGGCSEMLMAHAVTQLANR					Carbamidomethyl (C)[7], Oxidation (M)[10,12]				Mascot
3	unnamed protein product [Mus musculus]				gi|7670405		Mascot	52663.7	5.88	13	159	100	350534.66	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.4342	835.4277	-0.0065	-8	83	89	VLVDMSR			Oxidation (M)[5]		Mascot
870.5407	870.5479	0.0072	8	182	189	LAVEAVLR					Mascot
1017.4683	1017.4725	0.0042	4	481	488	RVPDHHPC			Carbamidomethyl (C)[8]		Mascot
1130.5524	1130.5526	0.0002	0	285	293	HGINCFINR	45	98.602	Carbamidomethyl (C)[5]		Mascot
1130.5524	1130.5526	0.0002	0	285	293	HGINCFINR			Carbamidomethyl (C)[5]		Mascot
1237.6899	1237.6848	-0.0051	-4	192	203	GSGNLEAIHVIK					Mascot
1237.6899	1237.6848	-0.0051	-4	192	203	GSGNLEAIHVIK					Mascot
1291.645	1291.636	-0.009	-7	348	358	LIEEVMIGEDK			Oxidation (M)[6]		Mascot
1307.7219	1307.6937	-0.0282	-22	121	131	IHPQTIISGWR					Mascot

	1503.8782	1503.8574	-0.0208	-14	26	40	LSSFIGAIAIGDLVK								Mascot
	1548.7938	1548.8062	0.0124	8	58	72	DAALMVTNDGATILK			Oxidation (M)[5]					Mascot
	1553.7377	1553.7235	-0.0142	-9	420	434	AAHSEGHITAGLDMK		20	0	Oxidation (M)[14]				Mascot
	1553.7377	1553.7235	-0.0142	-9	420	434	AAHSEGHITAGLDMK				Oxidation (M)[14]				Mascot
	1582.9163	1582.9023	-0.014	-9	455	469	QVLLSAAEAAEVILR								Mascot
	1656.7823	1656.7758	-0.0065	-4	139	154	EALLSSAVDHGSDEAR		16	0					Mascot
	1656.7823	1656.7758	-0.0065	-4	139	154	EALLSSAVDHGSDEAR								Mascot
	2288.1616	2288.1614	-0.0002	0	90	111	VQDDEVGDGTTSVTVLA AELLR								Mascot

4	chaperonin subunit 2 (beta), isoform CRA_b [Mus musculus]	gi|148689878	Mascot	44667.7	6.17	10	118	100	350534.66	99.961

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.4342	835.4277	-0.0065	-8	109	115	VLVDMSR			Oxidation (M)[5]		Mascot
870.5407	870.5479	0.0072	8	208	215	LAVEAVLR					Mascot
1130.5524	1130.5526	0.0002	0	311	319	HGINCFINR	45	98.602	Carbamidomethyl (C)[5]		Mascot
1130.5524	1130.5526	0.0002	0	311	319	HGINCFINR			Carbamidomethyl (C)[5]		Mascot
1237.6899	1237.6848	-0.0051	-4	218	229	GSGNLEAIHVIK					Mascot
1237.6899	1237.6848	-0.0051	-4	218	229	GSGNLEAIHVIK					Mascot
1291.645	1291.636	-0.009	-7	374	384	LIEEVMIGEDK			Oxidation (M)[6]		Mascot
1307.7219	1307.6937	-0.0282	-22	147	157	IHPQTIISGWR					Mascot
1503.8782	1503.8574	-0.0208	-14	52	66	LSSFIGAIAIGDLVK					Mascot
1548.7938	1548.8062	0.0124	8	84	98	DAALMVTNDGATILK			Oxidation (M)[5]		Mascot
1656.7823	1656.7758	-0.0065	-4	165	180	EALLSSAVDHGSDEAR	16	0			Mascot
1656.7823	1656.7758	-0.0065	-4	165	180	EALLSSAVDHGSDEAR					Mascot
2288.1616	2288.1614	-0.0002	0	116	137	VQDDEVGDGTTSVTVLA AELLR					Mascot

5	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	5	39	0	350534.66	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5286	-0.0329	-38	27	33	LKVLLDR					Mascot
1045.5823	1045.5641	-0.0182	-17	20	28	NMGIDVRLK					Mascot
1439.7965	1439.8074	0.0109	8	2	15	AQGKVASLGPVEQR					Mascot
1570.837	1570.7628	-0.0742	-47	1	15	MAQGKVASLGPVEQR					Mascot

2225.0513	2225.1199	0.0686	31	41	59	QQLLGGYDMLMNPQKM GER	Oxidation (M)[9]	Mascot

Gel Idx/Pos	37/B21	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	9

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	Chain A, Solution Structure Of Glia Maturation Factor-Gamma From Mus Musculus	gi|159163308	Mascot	17318.7	5.34	5	60	85.247	402543.09	66.821

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
861.3849	861.3939	0.009	10	81	87	YVHDDGR					Mascot
905.4767	905.4745	-0.0022	-2	74	80	FVVYSYK	29	66.821			Mascot
905.4767	905.4745	-0.0022	-2	74	80	FVVYSYK					Mascot
1002.5829	1002.5712	-0.0117	-12	117	125	LVQTAELTK					Mascot
1120.5667	1120.5426	-0.0241	-22	32	41	ETNNAAIIMK			Oxidation (M)[9]		Mascot
2130.0635	2130.0474	-0.0161	-8	47	64	QMVVLEDELQNISPEELK			Oxidation (M)[2]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	PREDICTED: similar to Chain A, Crystal Structure Of Glia Maturation Factor-Gamma (Gmfg) From Mus Musculus At 1.50 A Resolution [Mus musculus]	gi|149254837	Mascot	19467	5.97	5	59	82.263	402543.09	66.821

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
861.3849	861.3939	0.009	10	98	104	YVHDDGR					Mascot
905.4767	905.4745	-0.0022	-2	91	97	FVVYSYK	29	66.821			Mascot
905.4767	905.4745	-0.0022	-2	91	97	FVVYSYK					Mascot
1045.6074	1045.562	-0.0454	-43	1	9	MSLLPILSR			Oxidation (M)[1]		Mascot
1120.5667	1120.5426	-0.0241	-22	49	58	ETNNAAIIMK			Oxidation (M)[9]		Mascot
2130.0635	2130.0474	-0.0161	-8	64	81	QMVVLEDELQNISPEELK			Oxidation (M)[2]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	glia maturation factor, gamma isoform 1 [Mus musculus]	gi|11993950	Mascot	16908.6	5.57	5	58	80.098	402543.09	66.821

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
861.3849	861.3939	0.009	10	75	81	YVHDDGR					Mascot
905.4767	905.4745	-0.0022	-2	68	74	FVVYSYK	29	66.821			Mascot

	905.4767	905.4745	-0.0022	-2	68	74	FVVYSYK								Mascot
	1002.5829	1002.5712	-0.0117	-12	111	119	LVQTAELTK								Mascot
	1120.5667	1120.5426	-0.0241	-22	26	35	ETNNAAIIMK				Oxidation (M)[9]				Mascot
	2130.0635	2130.0474	-0.0161	-8	41	58	QMVVLEDELQNISPEELK				Oxidation (M)[2]				Mascot

4	mCG128295 [Mus musculus]	gi|148682030	Mascot	18287.4	6.95	5	58	79.161	402543.09	66.821	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
861.3849	861.3939	0.009	10	87	93	YVHDDGR					Mascot
905.4767	905.4745	-0.0022	-2	80	86	FVVYSYK	29	66.821			Mascot
905.4767	905.4745	-0.0022	-2	80	86	FVVYSYK					Mascot
1002.5829	1002.5712	-0.0117	-12	123	131	LVQTAELTK					Mascot
1120.5667	1120.5426	-0.0241	-22	38	47	ETNNAAIIMK			Oxidation (M)[9]		Mascot
2130.0635	2130.0474	-0.0161	-8	53	70	QMVVLEDELQNISPEELK			Oxidation (M)[2]		Mascot

5	Chain A, Crystal Structure Of Glia Maturation Factor-Gamma (Gmfg) From Mus Musculus At 1.50 A Resolution	gi|52696123	Mascot	18362.3	6.38	5	58	75.516	402543.09	66.821	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
861.3849	861.3939	0.009	10	87	93	YVHDDGR					Mascot
905.4767	905.4745	-0.0022	-2	80	86	FVVYSYK	29	66.821			Mascot
905.4767	905.4745	-0.0022	-2	80	86	FVVYSYK					Mascot
1002.5829	1002.5712	-0.0117	-12	123	131	LVQTAELTK					Mascot
1120.5667	1120.5426	-0.0241	-22	38	47	ETNNAAIIMK			Oxidation (M)[9]		Mascot
2130.0635	2130.0474	-0.0161	-8	53	70	QMVVLEDELQNISPEELK			Oxidation (M)[2]		Mascot

Gel Idx/Pos	49/B22	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12833038	Mascot	38620.4	9.11	9	78	99.801	374218.38	0

Protein Group

stomatin-like protein 2 [Mus musculus]	gi|12963591	38475.3	8.9499 998092 6514

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
833.4628	833.4624	-0.0004	0	179	185	DIHVPPR					Mascot
1298.6448	1298.6416	-0.0032	-2	322	334	APVPGAQNSSQSR	2	0			Mascot
1298.6448	1298.6416	-0.0032	-2	322	334	APVPGAQNSSQSR					Mascot
1369.5723	1369.5647	-0.0076	-6	188	198	ESMQMQVEAER			Oxidation (M)[3,5]		Mascot
1533.7391	1533.7397	0.0006	0	336	349	DVQATDTSIEELGR					Mascot
1533.7391	1533.7397	0.0006	0	336	349	DVQATDTSIEELGR					Mascot
1660.9996	1660.9938	-0.0058	-3	58	72	ILEPGLNVLIPVLDR	18	0			Mascot
1660.9996	1660.9938	-0.0058	-3	58	72	ILEPGLNVLIPVLDR					Mascot
1670.8707	1670.8606	-0.0101	-6	234	250	AEQINQAAGEASAVLAK					Mascot
1670.8707	1670.8606	-0.0101	-6	234	250	AEQINQAAGEASAVLAK					Mascot
1689.8402	1689.8334	-0.0068	-4	335	349	RDVQATDTSIEELGR					Mascot
2346.0918	2346.1003	0.0085	4	115	135	ASYGVEDPEYAVTQLAQ TTMR			Oxidation (M)[20]		Mascot
2346.0918	2346.1003	0.0085	4	115	135	ASYGVEDPEYAVTQLAQ TTMR			Oxidation (M)[20]		Mascot
2839.4795	2839.3345	-0.145	-51	223	250	QAQILASEAEKAEQINQA AGEASAVLAK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	stomatin (Epb7.2)-like 2 [Mus musculus]	gi|168984606	Mascot	24179.9	9.39	4	39	0	374218.38	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
833.4628	833.4624	-0.0004	0	185	191	DIHVPPR					Mascot
1369.5723	1369.5647	-0.0076	-6	194	204	ESMQMQVEAER			Oxidation (M)[3,5]		Mascot
1660.9996	1660.9938	-0.0058	-3	64	78	ILEPGLNVLIPVLDR	18	0			Mascot
1660.9996	1660.9938	-0.0058	-3	64	78	ILEPGLNVLIPVLDR					Mascot

	2346.0918	2346.1003	0.0085	4	121	141	ASYGVEDPEYAVTQLAQ TTMR				Oxidation (M)[20]				Mascot
	2346.0918	2346.1003	0.0085	4	121	141	ASYGVEDPEYAVTQLAQ TTMR				Oxidation (M)[20]				Mascot

3	unnamed protein product [Mus musculus]	gi|74220697	Mascot	14462.3	9.1	4	34	0	374218.38		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1670.8279	1670.8606	0.0327	20	22	37	RGIAGSSSSTMSNFLR					Mascot
1670.8279	1670.8606	0.0327	20	22	37	RGIAGSSSSTMSNFLR					Mascot
1675.0009	1674.9523	-0.0486	-29	86	99	SLRVILICISLMIK			Carbamidomethyl (C)[8], Oxidation (M)[12]		Mascot
2233.2236	2233.0935	-0.1301	-58	89	106	VILICISLMIKDVEHFFR			Carbamidomethyl (C)[5]		Mascot
2360.1851	2360.1145	-0.0706	-30	2	22	NIVEHMSLLPVGTSSGYM PRR			Oxidation (M)[6]		Mascot

4	XPA binding protein 2, isoform CRA_c [Mus musculus]	gi|148689979	Mascot	46068.4	8.52	7	33	0	374218.38		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
892.4886	892.5192	0.0306	34	334	340	FEQLISR					Mascot
1106.5953	1106.5339	-0.0614	-55	158	167	SHPLPETAVR					Mascot
1314.6664	1314.7421	0.0757	58	37	45	CWLRYIEFK			Carbamidomethyl (C)[1]		Mascot
1670.8159	1670.8606	0.0447	27	175	188	LSPESAEEYIEYLK					Mascot
1670.8159	1670.8606	0.0447	27	175	188	LSPESAEEYIEYLK					Mascot
2261.03	2261.1357	0.1057	47	109	125	MPRLWLDYCQFLMDQG R			Carbamidomethyl (C)[9], Oxidation (M)[1,13]		Mascot
2360.0977	2360.1145	0.0168	7	216	234	SNYQLWHELCDLISQNP DK			Carbamidomethyl (C)[10]		Mascot
2839.2385	2839.3345	0.096	34	86	108	CVTDPAYEDVNNCHERA FVFMHK			Carbamidomethyl (C)[1,13]		Mascot

5	PREDICTED: hypothetical protein LOC380654 [Mus musculus]	gi|94388538	Mascot	317972.6	8.89	17	32	0	374218.38		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
833.5131	833.4624	-0.0507	-61	859	865	ALLLFEK					Mascot
842.5345	842.5092	-0.0253	-30	1384	1391	AIVIEIGK					Mascot
856.5502	856.5274	-0.0228	-27	1636	1642	ELQILLK					Mascot
1106.5874	1106.5339	-0.0535	-48	95	104	KALATSMEQK					Mascot

1533.7512	1533.7397	-0.0115	-7	2556	2569	IGHTMAKQVCSSSK	Carbamidomethyl (C)[10]	Mascot
1533.7512	1533.7397	-0.0115	-7	2556	2569	IGHTMAKQVCSSSK	Carbamidomethyl (C)[10]	Mascot
1670.7902	1670.8606	0.0704	42	334	348	QLELMSSSSSLETSR	Oxidation (M)[5]	Mascot
1670.8822	1670.8606	-0.0216	-13	1224	1237	EYDLAIMLINYGKK		Mascot
1684.7855	1684.8671	0.0816	48	2132	2146	NMPCAIPAGYKATMK	Carbamidomethyl (C)[4], Oxidation (M)[2,14]	Mascot
1689.9058	1689.8334	-0.0724	-43	2456	2470	EIISLLEGSEFLSPR		Mascot
1940.9487	1940.9329	-0.0158	-8	2592	2608	ATAAEEYEVEAEILFQK		Mascot
2032.0645	2032.0856	0.0211	10	1851	1867	QLVSVPLDVNDTLRCFR	Carbamidomethyl (C)[15]	Mascot
2032.0645	2032.0856	0.0211	10	1851	1867	QLVSVPLDVNDTLRCFR	Carbamidomethyl (C)[15]	Mascot
2060.0708	2060.0808	0.01	5	2572	2588	DISKWLPVLHMFDMALK	Oxidation (M)[11]	Mascot
2233.2261	2233.0935	-0.1326	-59	443	462	DVVSELFMAGKELLILSNVR		Mascot
2239.1387	2239.1343	-0.0044	-2	1568	1587	MKTQTIYESDSQLGIGVNVR		Mascot
2239.1904	2239.1343	-0.0561	-25	1433	1451	MAYRSLSDNLNPLILTYVR		Mascot
2246.2219	2246.2131	-0.0088	-4	1729	1746	WIHDFVLKSLEVLYQVEK		Mascot
3353.7227	3353.7375	0.0148	4	2510	2539	ILIAQMLTFGETIEFPLSDSDYASPLQPLK	Oxidation (M)[6]	Mascot

Gel Idx/Pos	38/B23	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26344461	Mascot	22990.7	5.2	6	118	100	447722.53	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
980.4948	980.4985	0.0037	4	124	130	YIQHTYR	23	0			Mascot
980.4948	980.4985	0.0037	4	124	130	YIQHTYR					Mascot
1261.5519	1261.5472	-0.0047	-4	138	148	TDYMVGSYGPR			Oxidation (M)[4]		Mascot
1261.5519	1261.5472	-0.0047	-4	138	148	TDYMVGSYGPR			Oxidation (M)[4]		Mascot
1617.7578	1617.7507	-0.0071	-4	135	148	IDKTDYMVGSYGPR	9	0	Oxidation (M)[7]		Mascot
1617.7578	1617.7507	-0.0071	-4	135	148	IDKTDYMVGSYGPR			Oxidation (M)[7]		Mascot
1650.9174	1650.9132	-0.0042	-3	55	70	VAVSADPNVPNVIVTR	45	99.008			Mascot
1650.9174	1650.9132	-0.0042	-3	55	70	VAVSADPNVPNVIVTR					Mascot
1783.8094	1783.7928	-0.0166	-9	149	163	AEEYEFLTPMEEAPK					Mascot
1799.8044	1799.796	-0.0084	-5	149	163	AEEYEFLTPMEEAPK			Oxidation (M)[10]		Mascot
1799.8044	1799.796	-0.0084	-5	149	163	AEEYEFLTPMEEAPK			Oxidation (M)[10]		Mascot
1917.9399	1917.9452	0.0053	3	30	45	SIQEIQELDKDDESLR					Mascot
1917.9399	1917.9452	0.0053	3	30	45	SIQEIQELDKDDESLR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Rho GDP dissociation inhibitor (GDI) alpha [Mus musculus]	gi|13435747	Mascot	23433.8	5.12	6	116	100	447722.53	100

Protein Group

Rho GDP dissociation inhibitor (GDI) alpha [Mus musculus]	gi|31982030	23449.8	5.1199998855908

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
980.4948	980.4985	0.0037	4	128	134	YIQHTYR	23	0			Mascot
980.4948	980.4985	0.0037	4	128	134	YIQHTYR					Mascot
1261.5519	1261.5472	-0.0047	-4	142	152	TDYMVGSYGPR			Oxidation (M)[4]		Mascot
1261.5519	1261.5472	-0.0047	-4	142	152	TDYMVGSYGPR			Oxidation (M)[4]		Mascot
1617.7578	1617.7507	-0.0071	-4	139	152	IDKTDYMVGSYGPR	9	0	Oxidation (M)[7]		Mascot

1617.7578	1617.7507	-0.0071	-4	139	152	IDKTDYMVGSYGPR			Oxidation (M)[7]					Mascot
1650.9174	1650.9132	-0.0042	-3	59	74	VAVSADPNVPNVIVTR		45	99.008					Mascot
1650.9174	1650.9132	-0.0042	-3	59	74	VAVSADPNVPNVIVTR								Mascot
1783.8094	1783.7928	-0.0166	-9	153	167	AEEYEFLTPMEEAPK								Mascot
1799.8044	1799.796	-0.0084	-5	153	167	AEEYEFLTPMEEAPK			Oxidation (M)[10]					Mascot
1799.8044	1799.796	-0.0084	-5	153	167	AEEYEFLTPMEEAPK			Oxidation (M)[10]					Mascot
1917.9399	1917.9452	0.0053	3	34	49	SIQEIQELDKDDESLR								Mascot
1917.9399	1917.9452	0.0053	3	34	49	SIQEIQELDKDDESLR								Mascot

3	Rho GDP dissociation inhibitor (GDI) alpha, isoform CRA_b [Mus musculus]	gi|148702821	Mascot	10251.1	4.34	2	61	88.008	447722.53	99.008	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1650.9174	1650.9132	-0.0042	-3	59	74	VAVSADPNVPNVIVTR	45	99.008			Mascot
1650.9174	1650.9132	-0.0042	-3	59	74	VAVSADPNVPNVIVTR					Mascot
1917.9399	1917.9452	0.0053	3	34	49	SIQEIQELDKDDESLR					Mascot
1917.9399	1917.9452	0.0053	3	34	49	SIQEIQELDKDDESLR					Mascot

4	unnamed protein product [Mus musculus]	gi|74151782	Mascot	38920.9	7.55	6	34	0	447722.53	0	

Protein Group

annexin A2 [Mus musculus]	gi|6996913	38936.9	7.5500001907 3486
unnamed protein product [Mus musculus]	gi|12849385	38926.9	7.5300002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.5874	1106.5496	-0.0378	-34	296	304	SEVDMLKIR			Oxidation (M)[5]		Mascot
1650.9789	1650.9132	-0.0657	-40	89	104	SALSGHLETVILGLLK	5	0			Mascot
1650.9789	1650.9132	-0.0657	-40	89	104	SALSGHLETVILGLLK					Mascot
1769.8745	1769.7906	-0.0839	-47	311	324	YGKSLYYYIQQDTK					Mascot
1811.8658	1811.8339	-0.0319	-18	153	168	TDLEKDIISDTSGDFR					Mascot
2012.9601	2013.0386	0.0785	39	314	329	SLYYYIQQDTKGDYQK					Mascot
2012.9601	2013.0386	0.0785	39	314	329	SLYYYIQQDTKGDYQK					Mascot
2211.0632	2211.1055	0.0423	19	116	135	ASMKGLGTDEDSLIEIICS			Carbamidomethyl (C)[18], Oxidation (M)[3]		Mascot

5	mCG147701 [Mus musculus]	gi|148688845	Mascot	5987	7.77	3	33	0	447722.53	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1672.8993	1672.8917	-0.0076	-5	2	14	WIYVCIHVQVSLR			Carbamidomethyl (C)[5]		Mascot
1932.0347	1931.9568	-0.0779	-40	1	15	MWIYVCIHVQVSLRK			Carbamidomethyl (C)[6]		Mascot
2045.9491	2046.0378	0.0887	43	33	50	QRLSMSGINQLEACSHAQ			Carbamidomethyl (C)[14], Oxidation (M)[5]		Mascot
2045.9491	2046.0378	0.0887	43	33	50	QRLSMSGINQLEACSHAQ			Carbamidomethyl (C)[14], Oxidation (M)[5]		Mascot

Gel Idx/Pos	50/B24	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74181431	Mascot	29888.9	5.4	13	288	100	482149.03	100

Protein Group

mCG8461, isoform CRA_c [Mus musculus]	gi|148684042	30045	5.5700001716 6138	
prohibitin [Mus musculus]	gi|6679299	29858.9	5.5700001716 6138	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.5306	914.5295	-0.0011	-1	75	83	NVPVITGSK					Mascot
1023.4993	1023.5062	0.0069	7	178	186	EFTEAVEAK					Mascot
1058.5226	1058.5302	0.0076	7	187	195	QVAQQEAER					Mascot
1058.5226	1058.5302	0.0076	7	187	195	QVAQQEAER					Mascot
1062.5062	1062.5154	0.0092	9	149	157	QVSDDLTER					Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR	52	99.676			Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR					Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR	32	65.623			Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR					Mascot
1213.7402	1213.7391	-0.0011	-1	118	128	VLPSITTEILK					Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR	30	42.155			Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR					Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER	42	96.784			Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER					Mascot
1606.8435	1606.8469	0.0034	2	240	253	KLEAAEDIAYQLSR	16	0			Mascot
1606.8435	1606.8469	0.0034	2	240	253	KLEAAEDIAYQLSR					Mascot
1998.0865	1998.0872	0.0007	0	220	239	AAELIANSLATAGDGLIELR					Mascot
2119.1436	2119.1489	0.0053	3	158	177	AATFGLILDDVSLTHLTFGK					Mascot
2371.2517	2371.2524	0.0007	0	12	35	FGLALAVAGGVVNSALYNVDAGHR					Mascot

2	mCG8461, isoform CRA_b [Mus musculus]	gi|148684041	Mascot	22644.1	5.97	11	258	100	482149.03	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.5306	914.5295	-0.0011	-1	75	83	NVPVITGSK					Mascot
1023.4993	1023.5062	0.0069	7	178	186	EFTEAVEAK					Mascot
1058.5226	1058.5302	0.0076	7	187	195	QVAQQEAER					Mascot
1058.5226	1058.5302	0.0076	7	187	195	QVAQQEAER					Mascot
1062.5062	1062.5154	0.0092	9	149	157	QVSDDLTER					Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR	52	99.676			Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR					Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR	32	65.623			Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR					Mascot
1213.7402	1213.7391	-0.0011	-1	118	128	VLPSITTEILK					Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR	30	42.155			Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR					Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER	42	96.784			Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER					Mascot
2119.1436	2119.1489	0.0053	3	158	177	AATFGLILDDVSLTHLTFGK					Mascot
2371.2517	2371.2524	0.0007	0	12	35	FGLALAVAGGVVNSALYNVDAGHR					Mascot

3	prohibitin [Mus musculus]		gi|56206786	Mascot	23042.2	5.97	11	257	100	482149.03	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.5306	914.5295	-0.0011	-1	75	83	NVPVITGSK					Mascot
1023.4993	1023.5062	0.0069	7	178	186	EFTEAVEAK					Mascot
1058.5226	1058.5302	0.0076	7	187	195	QVAQQEAER					Mascot
1058.5226	1058.5302	0.0076	7	187	195	QVAQQEAER					Mascot
1062.5062	1062.5154	0.0092	9	149	157	QVSDDLTER					Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR	52	99.676			Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR					Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR	32	65.623			Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR					Mascot
1213.7402	1213.7391	-0.0011	-1	118	128	VLPSITTEILK					Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR	30	42.155			Mascot

1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR									Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER			42	96.784					Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER									Mascot
2119.1436	2119.1489	0.0053	3	158	177	AATFGLILDDVSLTHLTFGK									Mascot
2371.2517	2371.2524	0.0007	0	12	35	FGLALAVAGGVVNSALYNVDAGHR									Mascot

4	unnamed protein product [Mus musculus]	gi|74137571	Mascot	24221	6.92	11	255	100	482149.03	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
914.5306	914.5295	-0.0011	-1	75	83	NVPVITGSK					Mascot
1023.4993	1023.5062	0.0069	7	178	186	EFTEAVEAK					Mascot
1062.5062	1062.5154	0.0092	9	149	157	QVSDDLTER					Mascot
1072.5939	1072.5515	-0.0424	-40	200	207	FHDWLKVK					Mascot
1072.5939	1072.5515	-0.0424	-40	200	207	FHDWLKVK					Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR	52	99.676			Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR					Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR	32	65.623			Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR					Mascot
1213.7402	1213.7391	-0.0011	-1	118	128	VLPSITTEILK					Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR	30	42.155			Mascot
1396.8424	1396.8445	0.0021	2	94	105	ILFRPVASQLPR					Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER	42	96.784			Mascot
1460.6541	1460.6636	0.0095	7	106	117	IYTSIGEDYDER					Mascot
2119.1436	2119.1489	0.0053	3	158	177	AATFGLILDDVSLTHLTFGK					Mascot
2371.2517	2371.2524	0.0007	0	12	35	FGLALAVAGGVVNSALYNVDAGHR					Mascot

5	hypothetical protein LOC237880 [Mus musculus]	gi|85702063	Mascot	29533.7	5.22	8	157	100	482149.03	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1023.4993	1023.5062	0.0069	7	178	186	EFTEAVEAK					Mascot
1062.5062	1062.5154	0.0092	9	149	157	QVSDDLTER					Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR	52	99.676			Mascot
1149.59	1149.5962	0.0062	5	134	143	FDAGELITQR					Mascot

1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR	32	92.862		Mascot
1185.6587	1185.6639	0.0052	4	84	93	DLQNVNITLR				Mascot
1396.7908	1396.8445	0.0537	38	71	83	SQPRNIPVITGSK				Mascot
1396.7908	1396.8445	0.0537	38	71	83	SQPRNIPVITGSK				Mascot
1606.8435	1606.8469	0.0034	2	240	253	KLEAAEDIAYQLSR	16	0		Mascot
1606.8435	1606.8469	0.0034	2	240	253	KLEAAEDIAYQLSR				Mascot
1998.0865	1998.0872	0.0007	0	220	239	AAELIANSLATAGDGLIELR				Mascot
2119.1436	2119.1489	0.0053	3	158	177	AATFGLILDDVSLTHLTFGK				Mascot

Gel Idx/Pos	51/C1	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	354020.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1379	0.0202	9	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1379	0.0202	9	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1682	0.0996	44	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.179	0.0291	13	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	4	30	0	354020.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5232	-0.0383	-45	27	33	LKVLLDR					Mascot
1045.5823	1045.5676	-0.0147	-14	20	28	NMGIDVRLK					Mascot
2225.0513	2225.1208	0.0695	31	41	59	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot
2277.179	2277.0571	-0.1219	-54	60	78	FHFFALLPHQRLHGGSQER					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74143782	Mascot	75674.7	6.57	6	26	0	354020.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4938	0.0211	24	550	556	FFSHKAK					Mascot
2211.2231	2211.1021	-0.121	-55	410	429	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1379	0.0097	4	473	492	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1379	-0.0386	-17	362	380	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot
2246.1187	2246.2063	0.0876	39	181	199	ATEVEWILSLSEEENELVR					Mascot
3353.5632	3353.7217	0.1585	47	623	652	CESAGTSQVTTLPLPTLFGNNHMKMEVACK			Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]		Mascot

4	IgH antibody heavy chain VDJ region [Mus musculus]	gi|2745927	Mascot	13526.5	8.01	3	25	0	354020.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4938	-0.0112	-13	70	76	FIVSRSR					Mascot
2811.2905	2811.3376	0.0471	17	20	43	LSCATSGFTFSDFYMEWVRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.3237	-0.0039	-1	77	100	DTSQSILYLQMNALEDTAIYYCAR			Carbamidomethyl (C)[22]		Mascot

5	mCG147210 [Mus musculus]	gi|148675094	Mascot	10140.3	10.17	3	25	0	354020.81	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1120.6361	1120.5699	-0.0662	-59	23	31	QDNLKYVLK					Mascot
2221.1184	2221.1279	0.0095	4	67	84	RSNVSHQTWQCLYLTSLK			Carbamidomethyl (C)[11]		Mascot
2299.0815	2299.179	0.0975	42	48	66	CMCGNQRTIWGVSSLLLCK			Carbamidomethyl (C)[1,3,18], Oxidation (M)[2]		Mascot

Gel Idx/Pos	63/C2	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12856949	Mascot	28824.5	4.87	8	191	100	380462.78	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
924.4169	924.4178	0.0009	1	18	24	YDDAERR					Mascot
973.5829	973.5856	0.0027	3	209	217	LVPVGYGIR	50	99.561			Mascot
973.5829	973.5856	0.0027	3	209	217	LVPVGYGIR					Mascot
1043.4792	1043.4995	0.0203	19	16	23	FKYDDAER					Mascot
1415.7489	1415.7493	0.0004	0	60	71	ITSLEVENQNLR	23	0			Mascot
1415.7489	1415.7493	0.0004	0	60	71	ITSLEVENQNLR					Mascot
1439.7061	1439.705	-0.0011	-1	100	112	ATAPQTQHVSPMR			Oxidation (M)[12]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR	20	0	Oxidation (M)[5]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR			Oxidation (M)[5]		Mascot
1744.8073	1744.8064	-0.0009	-1	24	38	RFYEQMNGPVTSGSR			Oxidation (M)[6]		Mascot
1994.9526	1994.9575	0.0049	2	39	59	QSSGPGASSGPGGDHSELIVR	42	97.352			Mascot
1994.9526	1994.9575	0.0049	2	39	59	QSSGPGASSGPGGDHSELIVR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Eef1d protein [Mus musculus]	gi|15341784	Mascot	30729.6	4.88	7	137	100	380462.78	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
924.4169	924.4178	0.0009	1	18	24	YDDAERR					Mascot
973.5829	973.5856	0.0027	3	228	236	LVPVGYGIR	50	99.561			Mascot
973.5829	973.5856	0.0027	3	228	236	LVPVGYGIR					Mascot
1043.4792	1043.4995	0.0203	19	16	23	FKYDDAER					Mascot
1415.7489	1415.7493	0.0004	0	79	90	ITSLEVENQNLR	23	0			Mascot
1415.7489	1415.7493	0.0004	0	79	90	ITSLEVENQNLR					Mascot
1439.7061	1439.705	-0.0011	-1	119	131	ATAPQTQHVSPMR			Oxidation (M)[12]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR	20	0	Oxidation (M)[5]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR			Oxidation (M)[5]		Mascot

	1744.8073	1744.8064	-0.0009	-1	24	38	RFYEQMNGPVTSGSR				Oxidation (M)[6]				Mascot
3	Elongation factor 1-delta (EF-1-delta)					gi|13124192	Mascot	31387.9	4.91	7	132	100	380462.78	100	

Protein Group

eukaryotic translation elongation factor 1 delta isoform b [Mus musculus]	gi|54287684	31386.9	4.9600000381 4697
mCG22130, isoform CRA_d [Mus musculus]	gi|148697551	31235.8	4.9600000381 4697

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
924.4169	924.4178	0.0009	1	18	24	YDDAERR					Mascot
973.5829	973.5856	0.0027	3	233	241	LVPVGYGIR	50	99.561			Mascot
973.5829	973.5856	0.0027	3	233	241	LVPVGYGIR					Mascot
1043.4792	1043.4995	0.0203	19	16	23	FKYDDAER					Mascot
1415.7489	1415.7493	0.0004	0	84	95	ITSLEVENQNLR	23	0			Mascot
1415.7489	1415.7493	0.0004	0	84	95	ITSLEVENQNLR					Mascot
1439.7061	1439.705	-0.0011	-1	124	136	ATAPQTQHVSPMR			Oxidation (M)[12]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR	20	0	Oxidation (M)[5]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR			Oxidation (M)[5]		Mascot
1744.8073	1744.8064	-0.0009	-1	24	38	RFYEQMNGPVTSGSR			Oxidation (M)[6]		Mascot

4	eukaryotic translation elongation factor 1 delta isoform a [Mus musculus]					gi|56699438	Mascot	73512.8	6.08	7	113	100	380462.78	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
924.4169	924.4178	0.0009	1	397	403	YDDAERR					Mascot
973.5829	973.5856	0.0027	3	612	620	LVPVGYGIR	50	99.561			Mascot
973.5829	973.5856	0.0027	3	612	620	LVPVGYGIR					Mascot
1043.4792	1043.4995	0.0203	19	395	402	FKYDDAER					Mascot
1415.7489	1415.7493	0.0004	0	463	474	ITSLEVENQNLR	23	0			Mascot
1415.7489	1415.7493	0.0004	0	463	474	ITSLEVENQNLR					Mascot
1439.7061	1439.705	-0.0011	-1	503	515	ATAPQTQHVSPMR			Oxidation (M)[12]		Mascot
1588.7061	1588.6998	-0.0063	-4	404	417	FYEQMNGPVTSGSR	20	0	Oxidation (M)[5]		Mascot
1588.7061	1588.6998	-0.0063	-4	404	417	FYEQMNGPVTSGSR			Oxidation (M)[5]		Mascot

	1744.8073	1744.8064	-0.0009	-1	403	417	RFYEQMNGPVTSGSR				Oxidation (M)[6]					Mascot
5	mCG22130, isoform CRA_c [Mus musculus]					gi|148697550		Mascot	21863.9	4.77	5	94	99.995	380462.78	99.995	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
924.4169	924.4178	0.0009	1	18	24	YDDAERR					Mascot
973.5829	973.5856	0.0027	3	142	150	LVPVGYGIR	50	99.561			Mascot
973.5829	973.5856	0.0027	3	142	150	LVPVGYGIR					Mascot
1043.4792	1043.4995	0.0203	19	16	23	FKYDDAER					Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR	20	0	Oxidation (M)[5]		Mascot
1588.7061	1588.6998	-0.0063	-4	25	38	FYEQMNGPVTSGSR			Oxidation (M)[5]		Mascot
1744.8073	1744.8064	-0.0009	-1	24	38	RFYEQMNGPVTSGSR			Oxidation (M)[6]		Mascot

Gel Idx/Pos	52/C3	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	pleckstrin homology, Sec7 and coiled-coil domains 1 isoform 2 [Mus musculus]	gi|162951835	Mascot	46643.5	5.48	5	26	0	405669.59	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1126.6216	1126.5562	-0.0654	-58	154	163	LPGEAQKIDR					Mascot
2221.1321	2221.1272	-0.0049	-2	319	336	KPNCFELYIPDNKDQVIK			Carbamidomethyl (C)[4]		Mascot
2233.083	2233.0913	0.0083	4	39	58	EEIAEVANEIESLGSTEERK					Mascot
2246.1235	2246.2156	0.0921	41	214	233	FIAMNRGINDGGDLPEELLR			Oxidation (M)[4]		Mascot
2723.2278	2723.3093	0.0815	30	2	24	EDDDSYVPSDLTAEERQELENIR					Mascot

2	unnamed protein product [Mus musculus]	gi|74186302	Mascot	46701.4	5.34	5	26	0	405669.59	

Protein Group

pleckstrin homology, Sec7 and coiled-coil domains 1 [Rattus norvegicus]	gi|16758790	46700.5	5.4800000190 7349

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1126.6216	1126.5562	-0.0654	-58	154	163	LPGEAQKIDR					Mascot
2221.1321	2221.1272	-0.0049	-2	320	337	KPNCFELYIPDNKDQVIK			Carbamidomethyl (C)[4]		Mascot
2233.083	2233.0913	0.0083	4	39	58	EEIAEVANEIESLGSTEERK					Mascot
2246.1235	2246.2156	0.0921	41	214	233	FIAMNRGINDGGDLPEELLR			Oxidation (M)[4]		Mascot
2723.2278	2723.3093	0.0815	30	2	24	EDDDSYVPSDLTAEERQELENIR					Mascot

3	cytohesin-1 [Mus musculus]	gi|10121123	Mascot	49193.8	5.49	5	26	0	405669.59	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1126.6216	1126.5562	-0.0654	-58	154	163	LPGEAQKIDR					Mascot

	2221.1321	2221.1272	-0.0049	-2	340	357	KPNCFELYIPDNKDQVIK				Carbamidomethyl (C)[4]				Mascot
	2233.083	2233.0913	0.0083	4	39	58	EEIAEVANEIESLGSTEER K								Mascot
	2246.1235	2246.2156	0.0921	41	214	233	FIAMNRGINDGGDLPEEL LR				Oxidation (M)[4]				Mascot
	2723.2278	2723.3093	0.0815	30	2	24	EDDDSYVPSDLTAEERQ ELENIR								Mascot
4	IgH antibody heavy chain VDJ region [Mus musculus]				gi|2745927		Mascot	13526.5	8.01	3	25	0	405669.59		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4976	-0.0074	-9	70	76	FIVSRSR					Mascot
2811.2905	2811.3167	0.0262	9	20	43	LSCATSGFTFSDFYMEW VRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.3174	-0.0102	-4	77	100	DTSQSILYLQMNALEDTAI YYCAR			Carbamidomethyl (C)[22]		Mascot
5	IgH antibody heavy chain VDJ region [Mus musculus]				gi|971253		Mascot	14386.9	6.43	3	25	0	405669.59		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4976	-0.0074	-9	74	80	FIVSRSR					Mascot
2811.2905	2811.3167	0.0262	9	24	47	LSCATSGFTFSDFYMEW VRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.3174	-0.0102	-4	81	104	DTSQSILYLQMNALEDTAI YYCAR			Carbamidomethyl (C)[22]		Mascot

Gel Idx/Pos	64/C4	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	Rho, GDP dissociation inhibitor (GDI) beta, isoform CRA_a [Mus musculus]	gi|148678631	Mascot	24615.6	5.43	8	255	100	1055237	100

Protein Group

Rho, GDP dissociation inhibitor (GDI) beta [Mus musculus]	gi|33563236	22893.5	4.9699997901 9165	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
966.4792	966.4802	0.001	1	139	145	YVQHTYR	47	99.237			Mascot
966.4792	966.4802	0.001	1	139	145	YVQHTYR					Mascot
1084.615	1084.6096	-0.0054	-5	36	44	LNYKPPPQK	35	85.453			Mascot
1084.615	1084.6096	-0.0054	-5	36	44	LNYKPPPQK					Mascot
1696.7582	1696.7493	-0.0089	-5	48	61	ELQEMDKDDESLTK			Oxidation (M)[5]		Mascot
1788.777	1788.7728	-0.0042	-2	20	35	DAQPQLEEADDDLDSK					Mascot
2163.2021	2163.2009	-0.0012	-1	65	85	TLLGDVPVVADPTVPNVTVTR	104	100			Mascot
2163.2021	2163.2009	-0.0012	-1	65	85	TLLGDVPVVADPTVPNVTVTR					Mascot
2660.3523	2660.3062	-0.0461	-17	86	110	LSLVCDSAPGPITMDLTGDLEALKK			Carbamidomethyl (C)[5], Oxidation (M)[14]		Mascot
2854.374	2854.4038	0.0298	10	20	44	DAQPQLEEADDDLDSKLNYKPPPQK					Mascot
2944.4075	2944.4255	0.018	6	153	178	ATFMVGSYGPRPEEYEFLTPVEEAPK					Mascot
2960.4023	2960.4429	0.0406	14	153	178	ATFMVGSYGPRPEEYEFLTPVEEAPK			Oxidation (M)[4]		Mascot
2960.4023	2960.4429	0.0406	14	153	178	ATFMVGSYGPRPEEYEFLTPVEEAPK			Oxidation (M)[4]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|26332711	Mascot	53336.1	8.89	9	45	0	1055237	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
858.468	858.4443	-0.0237	-28	222	229	SVLNNPSK					Mascot
988.4806	988.4599	-0.0207	-21	427	435	LSSSSQHSR					Mascot
988.4806	988.4599	-0.0207	-21	427	435	LSSSSQHSR					Mascot

1185.6222	1185.5723	-0.0499	-42	31	40	EQQAAIQLER								Mascot
1185.6222	1185.5723	-0.0499	-42	31	40	EQQAAIQLER								Mascot
1201.5228	1201.5594	0.0366	30	184	193	GYEVTDMMQK								Mascot
1201.5228	1201.5594	0.0366	30	184	193	GYEVTDMMQK								Mascot
1223.5593	1223.5393	-0.02	-16	85	93	YNNDWWIGR								Mascot
1805.7971	1805.8737	0.0766	42	129	146	SSGNSSSSLGEMVSGTFR						Oxidation (M)[12]		Mascot
1805.8988	1805.8737	-0.0251	-14	236	251	SNTRSSLAEVQSEIER								Mascot
1810.825	1810.7596	-0.0654	-36	391	405	MRHSNHSTENSPIER						Oxidation (M)[1]		Mascot
2944.3225	2944.4255	0.103	35	1	27	MAGSADSYTSRPSDSDVSLEEDREAIR								Mascot
2960.3174	2960.4429	0.1255	42	1	27	MAGSADSYTSRPSDSDVSLEEDREAIR						Oxidation (M)[1]		Mascot
2960.3174	2960.4429	0.1255	42	1	27	MAGSADSYTSRPSDSDVSLEEDREAIR						Oxidation (M)[1]		Mascot

3	hypothetical protein LOC240067 [Mus musculus]	gi|113930752	Mascot	60546.2	8.82	8	41	0	1055237		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
988.5145	988.4599	-0.0546	-55	395	402	HCGKAFLR			Carbamidomethyl (C)[2]		Mascot
988.5145	988.4599	-0.0546	-55	395	402	HCGKAFLR			Carbamidomethyl (C)[2]		Mascot
1678.7047	1678.7367	0.032	19	145	158	CCKESTSSESFQTK			Carbamidomethyl (C)[1,2]		Mascot
1802.7949	1802.7866	-0.0083	-5	300	314	IHSGEKPYTCEHCGK			Carbamidomethyl (C)[10,13]		Mascot
1805.8673	1805.8737	0.0064	4	440	454	IHTGEKPYVCKECGK			Carbamidomethyl (C)[10,13]		Mascot
1805.8673	1805.8737	0.0064	4	440	454	IHTGEKPYVCKECGK			Carbamidomethyl (C)[10,13]		Mascot
1813.8837	1813.8496	-0.0341	-19	384	398	IHTGEKPYVCKHCGK			Carbamidomethyl (C)[10,13]		Mascot
1827.8993	1827.8588	-0.0405	-22	412	426	IHTGEKPYICKHCGK			Carbamidomethyl (C)[10,13]		Mascot
2163.0825	2163.2009	0.1184	55	34	51	LYRDVMTETFMNLISIGK			Oxidation (M)[6,11]		Mascot
2163.0825	2163.2009	0.1184	55	34	51	LYRDVMTETFMNLISIGK			Oxidation (M)[6,11]		Mascot
2912.4023	2912.4609	0.0586	20	7	32	MEPVTFEDVAVNFSLGEWALLDSSQK					Mascot

4	cDNA sequence BC057593 [Mus musculus]	gi|148708328	Mascot	61612.7	8.86	8	41	0	1055237		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
988.5145	988.4599	-0.0546	-55	404	411	HCGKAFLR			Carbamidomethyl (C)[2]		Mascot
988.5145	988.4599	-0.0546	-55	404	411	HCGKAFLR			Carbamidomethyl (C)[2]		Mascot
1678.7047	1678.7367	0.032	19	154	167	CCKESTSSESFQTK			Carbamidomethyl (C)[1,2]		Mascot

	1802.7949	1802.7866	-0.0083	-5	309	323	IHSGEKPYTCEHCGK			Carbamidomethyl (C)[10,13]				Mascot
	1805.8673	1805.8737	0.0064	4	449	463	IHTGEKPYVCKECGK			Carbamidomethyl (C)[10,13]				Mascot
	1805.8673	1805.8737	0.0064	4	449	463	IHTGEKPYVCKECGK			Carbamidomethyl (C)[10,13]				Mascot
	1813.8837	1813.8496	-0.0341	-19	393	407	IHTGEKPYVCKHCGK			Carbamidomethyl (C)[10,13]				Mascot
	1827.8993	1827.8588	-0.0405	-22	421	435	IHTGEKPYICKHCGK			Carbamidomethyl (C)[10,13]				Mascot
	2163.0825	2163.2009	0.1184	55	43	60	LYRDVMTETFMNLISIGK			Oxidation (M)[6,11]				Mascot
	2163.0825	2163.2009	0.1184	55	43	60	LYRDVMTETFMNLISIGK			Oxidation (M)[6,11]				Mascot
	2912.4023	2912.4609	0.0586	20	16	41	MEPVTFEDVAVNFSLGE WALLDSSQK							Mascot
5	chorein [Mus musculus]				gi|121309794		Mascot	22486.8	8.77	5	34	0	1055237	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
858.4468	858.4443	-0.0025	-3	140	146	EQGLFHK					Mascot
964.5244	964.4624	-0.062	-64	185	192	LMRQSSVK			Oxidation (M)[2]		Mascot
982.5064	982.4776	-0.0288	-29	148	156	DSANIGHLR					Mascot
1819.8433	1819.8893	0.046	25	74	89	LEGEAYQFHCAVPGNK			Carbamidomethyl (C)[10]		Mascot
2973.594	2973.519	-0.075	-25	1	30	GIGKGLVGAVARPTGGII DMASSTFQGIQR			Oxidation (M)[20]		Mascot

Gel Idx/Pos	53/C5	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	5

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	F-box protein 28, isoform CRA_a [Mus musculus]	gi|148681161	Mascot	20030.6	10.04	4	35	0	389515.38	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.0144	2239.136	0.1216	54	136	157	EVMESAVGTSSGSGQSEESPRK					Mascot
2239.0144	2239.136	0.1216	54	136	157	EVMESAVGTSSGSGQSEESPRK					Mascot
2246.156	2246.2083	0.0523	23	42	63	LMGSPPVPGPSAALTTMQLFSK			Oxidation (M)[2]		Mascot
2255.0093	2255.0869	0.0776	34	136	157	EVMESAVGTSSGSGQSEESPRK			Oxidation (M)[3]		Mascot
2261.1079	2261.1196	0.0117	5	12	30	DISSMAMEYFDEKIVPILK			Oxidation (M)[5,7]		Mascot
2812.4485	2812.3254	-0.1231	-44	42	68	LMGSPPVPGPSAALTTMQLFSKQNPSR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	34	0	389515.38	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.136	0.0183	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.136	0.0183	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1648	0.0962	43	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1716	0.0217	9	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	PREDICTED: hypothetical protein isoform 2 [Mus musculus]	gi|149271334	Mascot	8795.2	9.26	3	29	0	389515.38	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1813.9167	1813.8217	-0.095	-52	53	66	LMLQHVFQPTYHQR			Oxidation (M)[2]		Mascot
2233.0515	2233.0947	0.0432	19	32	52	FGIQTTRMLSESSGTQSSGSR			Oxidation (M)[8]		Mascot
2812.356	2812.3254	-0.0306	-11	53	75	LMLQHVFQPTYHQRAAAYIHNNC			Carbamidomethyl (C)[23]		Mascot

4	Fbxo28 protein [Mus musculus]	gi|33585453	Mascot	31553.7	10.17	4	28	0	389515.38	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.0144	2239.136	0.1216	54	232	253	EVMESAVGTSSGSGQSE ESPRK					Mascot
2239.0144	2239.136	0.1216	54	232	253	EVMESAVGTSSGSGQSE ESPRK					Mascot
2246.156	2246.2083	0.0523	23	138	159	LMGSPPVPGPSAALTTM QLFSK			Oxidation (M)[2]		Mascot
2255.0093	2255.0869	0.0776	34	232	253	EVMESAVGTSSGSGQSE ESPRK			Oxidation (M)[3]		Mascot
2261.1079	2261.1196	0.0117	5	108	126	DISSMAMEYFDEKIVPILK			Oxidation (M)[5,7]		Mascot
2812.4485	2812.3254	-0.1231	-44	138	164	LMGSPPVPGPSAALTTM QLFSKQNPSR					Mascot

5	coiled-coil domain containing 110 [Mus musculus]	gi|85701744	Mascot	96808.7	6.52	8	27	0	389515.38	

Protein Group

unnamed protein product [Mus musculus]	gi|74148214	96809.7	6.4400000572 2046

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5502	856.5295	-0.0207	-24	622	628	LEILQLK					Mascot
892.4622	892.5196	0.0574	64	611	618	STLESDLK					Mascot
929.5091	929.5078	-0.0013	-1	2	10	SPGYLPAPK					Mascot
1045.5889	1045.5643	-0.0246	-24	490	498	QLKSLAEEK					Mascot
1941.0514	1940.9332	-0.1182	-61	1	19	MSPGYLPAPKAVLGSVP EK					Mascot
1941.0514	1940.9332	-0.1182	-61	1	19	MSPGYLPAPKAVLGSVP EK					Mascot
2255.1699	2255.0869	-0.083	-37	540	558	NSQLSLEKQQMLETIDHL K					Mascot
2299.0979	2299.1716	0.0737	32	578	596	MNIEIEAMKTSMLLVQDE R			Oxidation (M)[1,8,12]		Mascot
2313.2634	2313.1912	-0.0722	-31	470	489	MKPLVFTAQSLIQKVEAH EK			Oxidation (M)[1]		Mascot
2313.2634	2313.1912	-0.0722	-31	470	489	MKPLVFTAQSLIQKVEAH EK			Oxidation (M)[1]		Mascot

Gel Idx/Pos	65/C6	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	aryl-hydrocarbon receptor-interacting protein [Mus musculus]	gi|7709982	Mascot	38037.3	5.97	11	181	100	483147.72	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
958.5316	958.532	0.0004	0	8	15	LREDGIQK					Mascot
1116.5394	1116.5447	0.0053	5	202	210	YYDAIACLK			Carbamidomethyl (C)[7]		Mascot
1138.6984	1138.6929	-0.0055	-5	94	103	HVVLYPLVAK	7	0			Mascot
1138.6984	1138.6929	-0.0055	-5	94	103	HVVLYPLVAK					Mascot
1206.5637	1206.5703	0.0066	5	23	33	GELPDFQDGTK					Mascot
1206.5637	1206.5703	0.0066	5	23	33	GELPDFQDGTK					Mascot
1219.6543	1219.6564	0.0021	2	178	188	AVPVIHQEGNR	39	96.249			Mascot
1219.6543	1219.6564	0.0021	2	178	188	AVPVIHQEGNR					Mascot
1422.6934	1422.6776	-0.0158	-11	82	93	EGEIAQFLCDIK			Carbamidomethyl (C)[9]		Mascot
1426.7285	1426.7274	-0.0011	-1	107	119	NIAEGKDPLEGQR	31	79.903			Mascot
1426.7285	1426.7274	-0.0011	-1	107	119	NIAEGKDPLEGQR					Mascot
1478.8578	1478.8544	-0.0034	-2	291	304	VLELDPALAPVVSR	24	0			Mascot
1478.8578	1478.8544	-0.0034	-2	291	304	VLELDPALAPVVSR					Mascot
1644.746	1644.7468	0.0008	0	40	54	TLHSDNEGSVIDDSR					Mascot
2210.9546	2211.105	0.1504	68	157	175	VESPGTYQQDPWAMTDEEK					Mascot
2281.1169	2281.1189	0.002	1	242	260	LVAQEYYEVLDHCSSILNK			Carbamidomethyl (C)[13]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	aryl-hydrocarbon receptor-interacting protein, isoform CRA_b [Mus musculus]	gi|148701061	Mascot	31376.9	5.95	8	158	100	483147.72	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1116.5394	1116.5447	0.0053	5	143	151	YYDAIACLK			Carbamidomethyl (C)[7]		Mascot
1138.6984	1138.6929	-0.0055	-5	35	44	HVVLYPLVAK	7	0			Mascot
1138.6984	1138.6929	-0.0055	-5	35	44	HVVLYPLVAK					Mascot

	1219.6543	1219.6564	0.0021	2	119	129	AVPVIHQEGNR		39	96.249					Mascot
	1219.6543	1219.6564	0.0021	2	119	129	AVPVIHQEGNR								Mascot
	1422.6934	1422.6776	-0.0158	-11	23	34	EGEIAQFLCDIK				Carbamidomethyl (C)[9]				Mascot
	1426.7285	1426.7274	-0.0011	-1	48	60	NIAEGKDPLEGQR		31	79.903					Mascot
	1426.7285	1426.7274	-0.0011	-1	48	60	NIAEGKDPLEGQR								Mascot
	1478.8578	1478.8544	-0.0034	-2	232	245	VLELDPALAPVVSR		24	0					Mascot
	1478.8578	1478.8544	-0.0034	-2	232	245	VLELDPALAPVVSR								Mascot
	2210.9546	2211.105	0.1504	68	98	116	VESPGTYQQDPWAMTDEEK								Mascot
	2281.1169	2281.1189	0.002	1	183	201	LVAQEYYEVLDHCSSILNK				Carbamidomethyl (C)[13]				Mascot

3	aryl-hydrocarbon receptor-interacting protein, isoform CRA_a [Mus musculus]	gi|148701060	Mascot	9311.9	10.11	2	36	0	483147.72	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1160.6648	1160.6733	0.0085	7	2	11	ALRPRSTFGR					Mascot
1478.8578	1478.8544	-0.0034	-2	42	55	VLELDPALAPVVSR	24	0			Mascot
1478.8578	1478.8544	-0.0034	-2	42	55	VLELDPALAPVVSR					Mascot

4	PREDICTED: similar to mutS homolog 3 [Mus musculus]	gi|149264563	Mascot	122814.1	8.23	11	34	0	483147.72	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.4886	856.5276	0.039	46	575	581	KLPDVER					Mascot
958.5316	958.532	0.0004	0	56	65	SLGNGGPTKK					Mascot
1219.6041	1219.6564	0.0523	43	718	727	HICFPGAYVR			Carbamidomethyl (C)[3]		Mascot
1219.6041	1219.6564	0.0523	43	718	727	HICFPGAYVR			Carbamidomethyl (C)[3]		Mascot
1233.6331	1233.6554	0.0223	18	835	846	VMIITGPNMGGK			Oxidation (M)[2]		Mascot
1426.6882	1426.7274	0.0392	27	1070	1081	LEMEEIQTSLPH					Mascot
1426.79	1426.7274	-0.0626	-44	295	307	STLIGEDVNPLIR					Mascot
1446.7257	1446.7137	-0.012	-8	502	513	NLEILQNQTDMK					Mascot
1940.9681	1940.9326	-0.0355	-18	485	501	QLSSGMEFMRINGTTLR					Mascot
2211.0203	2211.105	0.0847	38	826	846	SSGMQDSERVMIITGPNMGGK			Oxidation (M)[4]		Mascot
2221.1321	2221.1265	-0.0056	-3	185	202	SVYTPLELQYLDMKQQHK					Mascot
2233.0813	2233.0835	0.0022	1	476	494	MLSKPESFKQLSSGMEF					Mascot

							MR								
	2281.0662	2281.1189	0.0527	23	476	494	MLSKPESFKQLSSGMEF MR					Oxidation (M)[1,15,18]			Mascot
5	mCG57215 [Mus musculus]				gi|148692465		Mascot	7717.8	6.24	3	32	0	483147.72		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1382	0.0205	9	47	67	GSSVRHDLTCGSVFLSGI FSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1382	0.0205	9	47	67	GSSVRHDLTCGSVFLSGI FSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1726	0.104	46	21	39	EMNHITLPSGPWTVCLY GR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1753	0.0254	11	2	20	LLHDYNCRLEEALKPGNE K			Carbamidomethyl (C)[7]		Mascot

Gel Idx/Pos	54/C7	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74211621	Mascot	26176	5.08	6	48	0	406814.06	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.457	0.0087	9	19	28	AGFAGDDAPR	9	0			Mascot
976.4483	976.457	0.0087	9	19	28	AGFAGDDAPR					Mascot
1132.527	1132.535	0.008	7	197	206	GYSFTTTAER	0	0			Mascot
1132.527	1132.535	0.008	7	197	206	GYSFTTTAER					Mascot
1198.7056	1198.7004	-0.0052	-4	29	39	AVFPSIVGRPR					Mascot
1198.7056	1198.7004	-0.0052	-4	29	39	AVFPSIVGRPR					Mascot
1203.5609	1203.5568	-0.0041	-3	40	50	HQGVMVGMGQK			Oxidation (M)[5,8]		Mascot
1626.8407	1626.8057	-0.035	-22	184	196	DLTDYLMKILTER			Oxidation (M)[7]		Mascot
1954.0645	1954.0621	-0.0024	-1	96	113	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0621	-0.0024	-1	96	113	VAPEEHPVLLTEAPLNPK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	put. beta-actin (aa 27-375) [Mus musculus]	gi|49868	Mascot	39445.8	5.78	6	47	0	406814.06	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
945.5516	945.5536	0.002	2	3	11	AVFPSIVGR	17	0			Mascot
945.5516	945.5536	0.002	2	3	11	AVFPSIVGR					Mascot
1132.527	1132.535	0.008	7	171	180	GYSFTTTAER	0	0			Mascot
1132.527	1132.535	0.008	7	171	180	GYSFTTTAER					Mascot
1198.7056	1198.7004	-0.0052	-4	1	11	PRAVFPSIVGR					Mascot
1198.7056	1198.7004	-0.0052	-4	1	11	PRAVFPSIVGR					Mascot
1203.5609	1203.5568	-0.0041	-3	14	24	HQGVMVGMGQK			Oxidation (M)[5,8]		Mascot
1626.8407	1626.8057	-0.035	-22	158	170	DLTDYLMKILTER			Oxidation (M)[7]		Mascot
1954.0645	1954.0621	-0.0024	-1	70	87	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0621	-0.0024	-1	70	87	VAPEEHPVLLTEAPLNPK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	Actg2 protein [Mus musculus]	gi|29437296	Mascot	22612.2	5.32	5	40	0	406814.06	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.457	0.0087	9	20	29	AGFAGDDAPR	9	0			Mascot
976.4483	976.457	0.0087	9	20	29	AGFAGDDAPR					Mascot
1198.7056	1198.7004	-0.0052	-4	30	40	AVFPSIVGRPR					Mascot
1198.7056	1198.7004	-0.0052	-4	30	40	AVFPSIVGRPR					Mascot
1203.5609	1203.5568	-0.0041	-3	41	51	HQGVMVGMGQK			Oxidation (M)[5,8]		Mascot
1626.8407	1626.8057	-0.035	-22	185	197	DLTDYLMKILTER			Oxidation (M)[7]		Mascot
2313.2561	2313.2058	-0.0503	-22	97	117	VALEEHPTLLTEAPLNPK ANR					Mascot

4	anti-fluorescein monoclonal IgM heavy chain [Mus musculus]	gi|2570565	Mascot	9179.2	8.07	4	39	0	406814.06	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.484	1132.535	0.051	45	55	62	YYCARDER			Carbamidomethyl (C)[3]		Mascot
1132.484	1132.535	0.051	45	55	62	YYCARDER			Carbamidomethyl (C)[3]		Mascot
1953.9698	1954.0621	0.0923	47	38	54	SQVFLKMNSLQTDDTAR					Mascot
1953.9698	1954.0621	0.0923	47	38	54	SQVFLKMNSLQTDDTAR					Mascot
1980.8539	1980.9049	0.051	26	44	59	MNSLQTDDTARYYCAR			Carbamidomethyl (C)[14], Oxidation (M)[1]		Mascot
2313.0857	2313.2058	0.1201	52	6	26	GLEWLGMIWGDGSTDYN SALK					Mascot

5	immunoglobulin heavy chain variable region [Mus musculus]	gi|27818671	Mascot	8793.3	8.83	4	39	0	406814.06	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
967.5472	967.5345	-0.0127	-13	1	8	WVRQPPGK					Mascot
1953.9698	1954.0621	0.0923	47	41	57	SQVFLKMNSLQTDDTAR					Mascot
1953.9698	1954.0621	0.0923	47	41	57	SQVFLKMNSLQTDDTAR					Mascot
1980.8539	1980.9049	0.051	26	47	62	MNSLQTDDTARYYCAR			Carbamidomethyl (C)[14], Oxidation (M)[1]		Mascot
2313.0857	2313.2058	0.1201	52	9	29	GLEWLGMIWGDGSTDYN SALK					Mascot

Gel Idx/Pos	66/C8	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26327115	Mascot	28986.8	5.6	4	56	64.61	289630.75	73.229

Protein Group

chloride intracellular channel 4 (mitochondrial) [Mus musculus]	gi|7304963	28938.8	5.4400000572 2046

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
987.4894	987.4937	0.0043	4	220	227	YLTNAYSR	6	0			Mascot
987.4894	987.4937	0.0043	4	220	227	YLTNAYSR					Mascot
1385.6768	1385.673	-0.0038	-3	131	142	NSRPEANEALER					Mascot
1385.6768	1385.673	-0.0038	-3	131	142	NSRPEANEALER					Mascot
1533.7002	1533.6848	-0.0154	-10	111	124	HPESNTAGMDIFAK			Oxidation (M)[9]		Mascot
1533.7002	1533.6848	-0.0154	-10	111	124	HPESNTAGMDIFAK			Oxidation (M)[9]		Mascot
1681.7235	1681.7164	-0.0071	-4	25	40	AGSDGESIGNCPFSQR	30	73.229	Carbamidomethyl (C)[11]		Mascot
1681.7235	1681.7164	-0.0071	-4	25	40	AGSDGESIGNCPFSQR			Carbamidomethyl (C)[11]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	chloride intracellular channel 4 (mitochondrial), isoform CRA_d [Mus musculus]	gi|148698045	Mascot	20689.8	8.83	3	48	0	289630.75	73.229

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1385.6768	1385.673	-0.0038	-3	131	142	NSRPEANEALER					Mascot
1385.6768	1385.673	-0.0038	-3	131	142	NSRPEANEALER					Mascot
1533.7002	1533.6848	-0.0154	-10	111	124	HPESNTAGMDIFAK			Oxidation (M)[9]		Mascot
1533.7002	1533.6848	-0.0154	-10	111	124	HPESNTAGMDIFAK			Oxidation (M)[9]		Mascot
1681.7235	1681.7164	-0.0071	-4	25	40	AGSDGESIGNCPFSQR	30	73.229	Carbamidomethyl (C)[11]		Mascot
1681.7235	1681.7164	-0.0071	-4	25	40	AGSDGESIGNCPFSQR			Carbamidomethyl (C)[11]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	chloride intracellular channel 4 (mitochondrial), isoform CRA_b [Mus musculus]	gi|148698043	Mascot	23578.3	9.59	3	46	0	289630.75	73.229

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1385.6768	1385.673	-0.0038	-3	158	169	NSRPEANEALER					Mascot
1385.6768	1385.673	-0.0038	-3	158	169	NSRPEANEALER					Mascot
1533.7002	1533.6848	-0.0154	-10	138	151	HPESNTAGMDIFAK			Oxidation (M)[9]		Mascot
1533.7002	1533.6848	-0.0154	-10	138	151	HPESNTAGMDIFAK			Oxidation (M)[9]		Mascot
1681.7235	1681.7164	-0.0071	-4	52	67	AGSDGESIGNCPFSQR	30	73.229	Carbamidomethyl (C)[11]		Mascot
1681.7235	1681.7164	-0.0071	-4	52	67	AGSDGESIGNCPFSQR			Carbamidomethyl (C)[11]		Mascot

4	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	289630.75	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1416	0.0239	11	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1416	0.0239	11	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1487	0.0801	36	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1777	0.0278	12	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

5	Chain A, Ets-1 Pnt Domain (29-138) Nmr Structure Ensemble	gi|158429094	Mascot	12773.3	4.96	4	32	0	289630.75	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1385.6375	1385.673	0.0355	26	70	82	FCMSGAALCALGK			Carbamidomethyl (C)[2,9]		Mascot
1385.6375	1385.673	0.0355	26	70	82	FCMSGAALCALGK			Carbamidomethyl (C)[2,9]		Mascot
1399.6965	1399.6802	-0.0163	-12	23	34	ATFSGFTKEQQR					Mascot
1399.6965	1399.6802	-0.0163	-12	23	34	ATFSGFTKEQQR					Mascot
1547.7444	1547.6987	-0.0457	-30	1	14	MECADVPLLTPSSK			Carbamidomethyl (C)[3]		Mascot
2299.1216	2299.1777	0.0561	24	51	69	DWVMWAVNEFSLKGVDFQK					Mascot

Gel Idx/Pos	55/C9	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	PREDICTED: hypothetical protein LOC77463 [Mus musculus]	gi|149249637	Mascot	8200.2	8.74	4	39	0	393998	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1121.562	1121.6146	0.0526	47	29	39	IVSSCGSVGQK			Carbamidomethyl (C)[5]		Mascot
1140.5718	1140.5717	-0.0001	0	51	59	VESCLLYTR			Carbamidomethyl (C)[4]		Mascot
1249.657	1249.7058	0.0488	39	29	40	IVSSCGSVGQKK			Carbamidomethyl (C)[5]		Mascot
2239.1177	2239.1384	0.0207	9	41	59	SQSPSSFLHKVESCLLYTR			Carbamidomethyl (C)[14]		Mascot
2239.1177	2239.1384	0.0207	9	41	59	SQSPSSFLHKVESCLLYTR			Carbamidomethyl (C)[14]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	tumor protein D52 isoform 1 [Mus musculus]	gi|70608194	Mascot	26967.4	4.92	6	37	0	393998	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
866.5206	866.5137	-0.0069	-8	102	108	HLAELKR					Mascot
1121.6201	1121.6146	-0.0055	-5	110	119	LGISSLQEFK					Mascot
1149.5747	1149.5588	-0.0159	-14	138	148	TSETLSQAGQK					Mascot
1249.7151	1249.7058	-0.0093	-7	109	119	KLGISSLQEFK					Mascot
1324.7107	1324.7059	-0.0048	-4	149	162	ASAAFSSVGSVITK					Mascot
1357.6715	1357.6383	-0.0332	-24	180	191	SIQHSISMPAMR					Mascot
1357.6715	1357.6383	-0.0332	-24	180	191	SIQHSISMPAMR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	truncated hsp25 [Mus musculus]	gi|4105492	Mascot	4366.1	4.36	3	36	0	393998	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1149.6052	1149.5588	-0.0464	-40	1	10	LFDQAFGVPR					Mascot
1512.7765	1512.6721	-0.1044	-69	19	32	TSLQPSAQPTAQQR					Mascot
2225.0793	2225.1199	0.0406	18	19	40	TSLQPSAQPTAQQRGLGDPTDG					Mascot

4	centromere protein A, isoform CRA_b [Mus musculus]	gi|148705337	Mascot	13211.8	10.66	5	36	0	393998	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
882.5268	882.5631	0.0363	41	5	11	RKPQTPR					Mascot
882.5268	882.5631	0.0363	41	6	12	KPQTPRR					Mascot
980.5386	980.5039	-0.0347	-35	37	43	QKFMWLK					Mascot
1149.5859	1149.5588	-0.0271	-24	24	34	QSSSVGSQTLR					Mascot
2239.1538	2239.1384	-0.0154	-7	13	34	RPSSPAPGPSRQSSSVGSQTLR					Mascot
2239.1538	2239.1384	-0.0154	-7	13	34	RPSSPAPGPSRQSSSVGSQTLR					Mascot

5	periplakin [Mus musculus]	gi|2992537	Mascot	12488.3	5.94	5	35	0	393998	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
824.4485	824.4586	0.0101	12	4	9	ENHLRR					Mascot
1067.5116	1067.5652	0.0536	50	21	29	ELSPEEAHR					Mascot
1081.5497	1081.5803	0.0306	28	1	8	EQRENHLR					Mascot
1323.713	1323.6431	-0.0699	-53	30	40	AGLIDWKMFVK			Oxidation (M)[8]		Mascot
1617.8517	1617.7507	-0.101	-62	95	109	DMSIQELAVLVSGQK					Mascot

Gel Idx/Pos	67/C10	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	cytochrome c oxidase, subunit Va [Mus musculus]	gi|112181182	Mascot	16319.4	6.08	4	111	100	786423.69	100

Protein Group

cytochrome c oxidase subunit Va preprotein [Mus musculus]	gi|50527	16248.3	6.0799999237 0605

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
992.5159	992.5223	0.0064	6	95	103	LNDFASAVR	16	0			Mascot
992.5159	992.5223	0.0064	6	95	103	LNDFASAVR					Mascot
1148.6171	1148.6168	-0.0003	0	94	103	RLNDFASAVR	24	0			Mascot
1148.6171	1148.6168	-0.0003	0	94	103	RLNDFASAVR					Mascot
1648.8251	1648.8168	-0.0083	-5	69	83	GMNTLVGYDLVPEPK	43	98.013	Oxidation (M)[2]		Mascot
1648.8251	1648.8168	-0.0083	-5	69	83	GMNTLVGYDLVPEPK			Oxidation (M)[2]		Mascot
1776.92	1776.9144	-0.0056	-3	68	83	KGMNTLVGYDLVPEPK			Oxidation (M)[3]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|26383558	Mascot	45541.4	8.9	6	41	0	786423.69	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5291	868.5566	0.0275	32	166	172	KFYAVLK					Mascot
1388.6692	1388.6812	0.012	9	89	99	LEWAIDEDELR	12	0			Mascot
1388.6692	1388.6812	0.012	9	89	99	LEWAIDEDELR					Mascot
1516.7642	1516.7738	0.0096	6	89	100	LEWAIDEDELRK					Mascot
1670.7915	1670.7985	0.007	4	279	291	LCQEEQLRSHENK			Carbamidomethyl (C)[2]		Mascot
2233.2415	2233.0925	-0.149	-67	245	266	INLVAAIFSAPAFPAAVSSMKK					Mascot
2247.1655	2247.1665	0.001	0	120	140	ILDGGNPFLDVPQALNATTYK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	Psd2 protein [Mus musculus]	gi|33989563	Mascot	47314.5	9.05	6	40	0	786423.69	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	868.5291	868.5566	0.0275	32	181	187	KFYAVLK								Mascot
	1388.6692	1388.6812	0.012	9	104	114	LEWAIDEDELR		12	0					Mascot
	1388.6692	1388.6812	0.012	9	104	114	LEWAIDEDELR								Mascot
	1516.7642	1516.7738	0.0096	6	104	115	LEWAIDEDELRK								Mascot
	1670.7915	1670.7985	0.007	4	294	306	LCQEEQLRSHENK				Carbamidomethyl (C)[2]				Mascot
	2233.2415	2233.0925	-0.149	-67	260	281	INLVAAIFSAPAFPAAVSS MKK								Mascot
	2247.1655	2247.1665	0.001	0	135	155	ILDGGNPFLDVPQALNAT TYK								Mascot
4	Psd2 protein [Mus musculus]					gi|41946988		Mascot	84731	5.02	8	39	0	786423.69	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5291	868.5566	0.0275	32	535	541	KFYAVLK					Mascot
1148.5616	1148.6168	0.0552	48	53	62	TLEGTMEPVR			Oxidation (M)[6]		Mascot
1148.6157	1148.6168	0.0011	1	266	276	LLNSASDTSLK					Mascot
1388.6692	1388.6812	0.012	9	461	471	LEWAIDEDELR	12	0			Mascot
1388.6692	1388.6812	0.012	9	461	471	LEWAIDEDELR					Mascot
1516.7642	1516.7738	0.0096	6	461	472	LEWAIDEDELRK					Mascot
1670.7915	1670.7985	0.007	4	648	660	LCQEEQLRSHENK			Carbamidomethyl (C)[2]		Mascot
2233.2415	2233.0925	-0.149	-67	614	635	INLVAAIFSAPAFPAAVSS MKK					Mascot
2247.1655	2247.1665	0.001	0	492	512	ILDGGNPFLDVPQALNAT TYK					Mascot

5	pleckstrin and Sec7 domain containing 2, isoform CRA_d [Mus musculus]					gi|148664736		Mascot	85086.2	5.07	8	39	0	786423.69	0

Protein Group

pleckstrin and Sec7 domain containing 2 [Mus musculus]	gi|117676387	85102.2	5.0700001716 6138
unnamed protein product [Mus musculus]	gi|26337443	85201.3	5.0700001716 6138

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5291	868.5566	0.0275	32	538	544	KFYAVLK					Mascot
1148.5616	1148.6168	0.0552	48	53	62	TLEGTMEPVR			Oxidation (M)[6]		Mascot

1148.6157	1148.6168	0.0011	1	266	276	LLNSASDTSLK				Mascot
1388.6692	1388.6812	0.012	9	461	471	LEWAIDEDELR	12	0		Mascot
1388.6692	1388.6812	0.012	9	461	471	LEWAIDEDELR				Mascot
1516.7642	1516.7738	0.0096	6	461	472	LEWAIDEDELRK				Mascot
1670.7915	1670.7985	0.007	4	651	663	LCQEEQLRSHENK			Carbamidomethyl (C)[2]	Mascot
2233.2415	2233.0925	-0.149	-67	617	638	INLVAAIFSAPAFPAAVSSMKK				Mascot
2247.1655	2247.1665	0.001	0	492	512	ILDGGNPFLDVPQALNATTYK				Mascot

Gel Idx/Pos	56/C11	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	histidine triad nucleotide binding protein 1 [Mus musculus]	gi|33468857	Mascot	13882.1	6.36	6	208	100	769554.88	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
847.4342	847.4214	-0.0128	-15	84	91	CAADLGLK			Carbamidomethyl (C)[1]		Mascot
907.452	907.4543	0.0023	3	31	37	IIFEDDR	28	38.318			Mascot
907.452	907.4543	0.0023	3	31	37	IIFEDDR					Mascot
1388.7169	1388.7086	-0.0083	-6	8	21	AQVAQPGGDTIFGK	120	100			Mascot
1388.7169	1388.7086	-0.0083	-6	8	21	AQVAQPGGDTIFGK					Mascot
2291.2007	2291.1968	-0.0039	-2	38	57	CLAFHDISPQAPTHFLVIPK			Carbamidomethyl (C)[1]		Mascot
2291.2007	2291.1968	-0.0039	-2	38	57	CLAFHDISPQAPTHFLVIPK			Carbamidomethyl (C)[1]		Mascot
2545.2729	2545.292	0.0191	8	96	119	MVVNEGADGGQSVYHIHLHVLGGR					Mascot
2561.2678	2561.2773	0.0095	4	96	119	MVVNEGADGGQSVYHIHLHVLGGR	4	0	Oxidation (M)[1]		Mascot
2561.2678	2561.2773	0.0095	4	96	119	MVVNEGADGGQSVYHIHLHVLGGR			Oxidation (M)[1]		Mascot
2736.3872	2736.4016	0.0144	5	59	83	HISQISVADDDDESLLGHLMIVGKK			Oxidation (M)[20]		Mascot

2	histidine triad nucleotide binding protein [Mus musculus]	gi|168984527	Mascot	13600.8	4.91	3	171	100	769554.88	100

Protein Group

mCG1442, isoform CRA_a [Mus musculus]	gi|148701573	13626.8	4.7800002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
907.452	907.4543	0.0023	3	31	37	IIFEDDR	28	38.318			Mascot
907.452	907.4543	0.0023	3	31	37	IIFEDDR					Mascot
1388.7169	1388.7086	-0.0083	-6	8	21	AQVAQPGGDTIFGK	120	100			Mascot
1388.7169	1388.7086	-0.0083	-6	8	21	AQVAQPGGDTIFGK					Mascot
2291.2007	2291.1968	-0.0039	-2	38	57	CLAFHDISPQAPTHFLVIPK			Carbamidomethyl (C)[1]		Mascot

	2291.2007	2291.1968	-0.0039	-2	38	57	CLAFHDISPQAPTHFLVIPK				Carbamidomethyl (C)[1]				Mascot
3	sorting nexin 17, isoform CRA_a [Mus musculus]				gi|148705399		Mascot	11693.9	5.43	5	49	0	769554.88		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1388.7209	1388.7086	-0.0123	-9	25	37	EYGANVVPAFPPK					Mascot
1388.7209	1388.7086	-0.0123	-9	25	37	EYGANVVPAFPPK					Mascot
1410.7046	1410.6938	-0.0108	-8	52	62	EQLEKYMQAVR			Oxidation (M)[7]		Mascot
1410.7046	1410.6938	-0.0108	-8	52	62	EQLEKYMQAVR			Oxidation (M)[7]		Mascot
1516.8159	1516.7474	-0.0685	-45	25	38	EYGANVVPAFPPKK					Mascot
2499.157	2499.2998	0.1428	57	1	23	MHFSIPETESRSGDSGGSAYVLR			Oxidation (M)[1]		Mascot
2575.261	2575.2817	0.0207	8	57	78	YMQAVRQDPLLGSSETFNSFLR			Oxidation (M)[2]		Mascot

4	Emx1 [Mus musculus]				gi|50833		Mascot	7811.2	10.48	4	38	0	769554.88		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
892.4886	892.5057	0.0171	19	16	22	LERAFEK					Mascot
929.4574	929.4284	-0.029	-31	59	66	QKLEEEGP					Mascot
1388.8009	1388.7086	-0.0923	-66	4	15	IRTAFSPSQLLR					Mascot
1388.8009	1388.7086	-0.0923	-66	4	15	IRTAFSPSQLLR					Mascot
2291.2144	2291.1968	-0.0176	-8	33	52	QLAGSLSLSETQVKVWFQNR					Mascot
2291.2144	2291.1968	-0.0176	-8	33	52	QLAGSLSLSETQVKVWFQNR					Mascot

5	mCG1033298 [Mus musculus]				gi|148677533		Mascot	32107.1	9.33	6	37	0	769554.88		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
889.456	889.451	-0.005	-6	105	113	AGAMPISSR					Mascot
943.4897	943.447	-0.0427	-45	186	192	FIFHSHR					Mascot
1045.5571	1045.5662	0.0091	9	105	114	AGAMPISSRR					Mascot
2225.1006	2225.1208	0.0202	9	263	282	DMASSSQILILLETFGEKDQ					Mascot
2239.1638	2239.1377	-0.0261	-12	261	280	TRDMASSSQILILLETFGEK					Mascot
2239.1638	2239.1377	-0.0261	-12	261	280	TRDMASSSQILILLETFGE					Mascot

2499.1609	2499.2998	0.1389	56	219	240	K SPQDELVFAWEDVKAMF NGGSR	Oxidation (M)[16]	Mascot

Gel Idx/Pos	68/C12	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	put. beta-actin (aa 27-375) [Mus musculus]	gi|49868	Mascot	39445.8	5.78	9	239	100	677886.5	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5687	0.0015	2	303	310	IIAPPERK					Mascot
1132.527	1132.5253	-0.0017	-2	171	180	GYSFTTTAER	19	0			Mascot
1132.527	1132.5253	-0.0017	-2	171	180	GYSFTTTAER					Mascot
1515.7491	1515.7362	-0.0129	-9	59	69	IWHHTFYNELR					Mascot
1516.7028	1516.7004	-0.0024	-2	334	346	QEYDESGPSIVHR	84	100			Mascot
1516.7028	1516.7004	-0.0024	-2	334	346	QEYDESGPSIVHR					Mascot
1790.892	1790.8887	-0.0033	-2	213	228	SYELPDGQVITIGNER	76	100			Mascot
1790.892	1790.8887	-0.0033	-2	213	228	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0603	-0.0042	-2	70	87	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0603	-0.0042	-2	70	87	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0718	0.0069	3	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0718	0.0069	3	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2566.1687	2566.199	0.0303	12	190	212	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3513	-0.0759	-28	310	333	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74187644	Mascot	42052.9	5.23	9	237	100	677886.5	100

Protein Group

A-X actin	gi|309090	42008.8	5.2100000381 4697
gamma-actin [Mus musculus]	gi|809561	41334.6	5.5599999427 7954
unnamed protein product [Mus musculus]	gi|74207178	42087	5.9000000953 6743
unnamed protein product [Mus musculus]	gi|74214757	42115	5.9000000953 6743

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5687	0.0015	2	329	336	IIAPPERK					Mascot
1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER	19	0			Mascot
1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7362	-0.0129	-9	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR	84	100			Mascot
1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER	76	100			Mascot
1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0603	-0.0042	-2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0603	-0.0042	-2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2566.1687	2566.199	0.0303	12	216	238	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3513	-0.0759	-28	336	359	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot

3	beta actin [Homo sapiens]	gi|4501885	Mascot	42051.9	5.29	9	236	100	677886.5	100		

Protein Group

actin, gamma 1 propeptide [Homo sapiens]	gi|4501887	42107.9	5.3099999427 7954
unnamed protein product [Mus musculus]	gi|74151948	42023.8	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74191564	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74213524	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74190672	42079.9	5.3699998855 5908
unnamed protein product [Mus musculus]	gi|74151709	42046	6.0300002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	923.5672	923.5687	0.0015	2	329	336	IIAPPERK									Mascot
	1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER			19	0					Mascot
	1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER									Mascot
	1515.7491	1515.7362	-0.0129	-9	85	95	IWHHTFYNELR									Mascot
	1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR			84	100					Mascot
	1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR									Mascot
	1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER			76	100					Mascot
	1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER									Mascot
	1954.0645	1954.0603	-0.0042	-2	96	113	VAPEEHPVLLTEAPLNPK									Mascot
	1954.0645	1954.0603	-0.0042	-2	96	113	VAPEEHPVLLTEAPLNPK									Mascot
	2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR					Oxidation (M)[14]				Mascot
	2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR					Oxidation (M)[14]				Mascot
	2566.1687	2566.199	0.0303	12	216	238	LCYVALDFEQEMATAASSSSLEK					Carbamidomethyl (C)[2], Oxidation (M)[12]				Mascot
	2746.4272	2746.3513	-0.0759	-28	336	359	KYSVWIGGSILASLSTFQQMWISK					Oxidation (M)[20]				Mascot
4	unnamed protein product [Mus musculus]				gi|74204414		Mascot	42200.9	5.37	9	235	100	677886.5	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5687	0.0015	2	329	336	IIAPPERK					Mascot
1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER	19	0			Mascot
1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7362	-0.0129	-9	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR	84	100			Mascot
1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER	76	100			Mascot
1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2299.2405	2299.1714	-0.0691	-30	96	116	VAPEEHPVLLTEATLNPKANR					Mascot
2566.1687	2566.199	0.0303	12	216	238	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3513	-0.0759	-28	336	359	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot
5	unnamed protein product [Mus musculus]			gi|74178273		Mascot	42083.8	5.29	8	226	100	677886.5	100		

Protein Group

unnamed protein product [Mus musculus]	gi|74178253	42079.9	5.7800 002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5687	0.0015	2	329	336	IIAPPERK					Mascot
1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER	19	0			Mascot
1132.527	1132.5253	-0.0017	-2	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7362	-0.0129	-9	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR	84	100			Mascot
1516.7028	1516.7004	-0.0024	-2	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER	76	100			Mascot
1790.892	1790.8887	-0.0033	-2	239	254	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0718	0.0069	3	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2566.1687	2566.199	0.0303	12	216	238	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3513	-0.0759	-28	336	359	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot

Gel Idx/Pos	57/C13	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26325943	Mascot	33829.6	6.04	13	152	100	622377.62	99.961

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
916.3829	916.389	0.0061	7	150	156	TMYSQDR			Oxidation (M)[2]		Mascot
986.4975	986.5051	0.0076	8	61	68	MPPVLEER			Oxidation (M)[1]		Mascot
1007.5924	1007.5947	0.0023	2	125	132	VIQIYFPK	15	0			Mascot
1007.5924	1007.5947	0.0023	2	125	132	VIQIYFPK					Mascot
1068.6929	1068.6995	0.0066	6	136	144	RVLPPVIFK					Mascot
1227.6766	1227.682	0.0054	4	59	68	LKMPPVLEER			Oxidation (M)[3]		Mascot
1241.6736	1241.689	0.0154	12	69	79	KPINDVLAEDK					Mascot
1283.7318	1283.741	0.0092	7	214	224	IDGLLIDQIQR					Mascot
1283.7318	1283.741	0.0092	7	214	224	IDGLLIDQIQR					Mascot
1406.6945	1406.6962	0.0017	1	38	49	LMTQAQLEEATR			Oxidation (M)[2]		Mascot
1411.8268	1411.8401	0.0133	9	213	224	KIDGLLIDQIQR					Mascot
1412.6554	1412.6637	0.0083	6	178	188	VHHQTYEDIDR	9	0			Mascot
1412.6554	1412.6637	0.0083	6	178	188	VHHQTYEDIDR					Mascot
1511.8832	1511.8925	0.0093	6	137	149	VLPPVIFKDENLK					Mascot
1511.8832	1511.8925	0.0093	6	137	149	VLPPVIFKDENLK					Mascot
1624.8119	1624.8246	0.0127	8	89	101	YVFTDISYNIPHR	33	86.073			Mascot
1624.8119	1624.8246	0.0127	8	89	101	YVFTDISYNIPHR					Mascot
1757.0109	1757.0208	0.0099	6	23	37	TFRPAIQPLKPPTYK	1	0			Mascot
1757.0109	1757.0208	0.0099	6	23	37	TFRPAIQPLKPPTYK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	ribosomal protein, mitochondrial, S22 [Mus musculus]	gi|13384904	Mascot	41280.6	8.63	14	150	100	622377.62	99.961

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
916.3829	916.389	0.0061	7	216	222	TMYSQDR			Oxidation (M)[2]		Mascot
986.4975	986.5051	0.0076	8	127	134	MPPVLEER			Oxidation (M)[1]		Mascot

1007.5924	1007.5947	0.0023	2	191	198	VIQIYFPK		15	0				Mascot
1007.5924	1007.5947	0.0023	2	191	198	VIQIYFPK							Mascot
1068.6929	1068.6995	0.0066	6	202	210	RVLPPVIFK							Mascot
1227.6766	1227.682	0.0054	4	125	134	LKMPPVLEER				Oxidation (M)[3]			Mascot
1241.6736	1241.689	0.0154	12	135	145	KPINDVLAEDK							Mascot
1283.7318	1283.741	0.0092	7	280	290	IDGLLIDQIQR							Mascot
1283.7318	1283.741	0.0092	7	280	290	IDGLLIDQIQR							Mascot
1365.6467	1365.6532	0.0065	5	66	76	KPAFMDEEVQR				Oxidation (M)[5]			Mascot
1365.6467	1365.6532	0.0065	5	66	76	KPAFMDEEVQR				Oxidation (M)[5]			Mascot
1406.6945	1406.6962	0.0017	1	104	115	LMTQAQLEEATR				Oxidation (M)[2]			Mascot
1411.8268	1411.8401	0.0133	9	279	290	KIDGLLIDQIQR							Mascot
1412.6554	1412.6637	0.0083	6	244	254	VHHQTYEDIDR		9	0				Mascot
1412.6554	1412.6637	0.0083	6	244	254	VHHQTYEDIDR							Mascot
1511.8832	1511.8925	0.0093	6	203	215	VLPPVIFKDENLK							Mascot
1511.8832	1511.8925	0.0093	6	203	215	VLPPVIFKDENLK							Mascot
1624.8119	1624.8246	0.0127	8	155	167	YVFTDISYNIPHR		33	86.073				Mascot
1624.8119	1624.8246	0.0127	8	155	167	YVFTDISYNIPHR							Mascot
1757.0109	1757.0208	0.0099	6	89	103	TFRPAIQPLKPPTYK		1	0				Mascot
1757.0109	1757.0208	0.0099	6	89	103	TFRPAIQPLKPPTYK							Mascot

3	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	4	44	0	622377.62		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1227.658	1227.682	0.024	20	10	20	LEEALKPGNEK					Mascot
2239.1177	2239.1384	0.0207	9	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1384	0.0207	9	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1445	0.0759	34	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1687	0.0188	8	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

4	IgH antibody heavy chain VDJ region [Mus musculus]	gi|971253	Mascot	14386.9	6.43	4	35	0	622377.62		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4946	-0.0104	-12	74	80	FIVSRSR					Mascot

	1624.913	1624.8246	-0.0884	-54	8	23	LVESGGGLVQPGRSLR							Mascot
	1624.913	1624.8246	-0.0884	-54	8	23	LVESGGGLVQPGRSLR							Mascot
	2811.2905	2811.2954	0.0049	2	24	47	LSCATSGFTFSDFYMEW VRQPPGK				Carbamidomethyl (C)[3]			Mascot
	2839.3276	2839.2805	-0.0471	-17	81	104	DTSQSILYLQMNALEDTAI YYCAR				Carbamidomethyl (C)[22]			Mascot
5	PREDICTED: hypothetical protein [Mus musculus]						gi|149241124	Mascot	4530.3	5.96	3	35	0	622377.62

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1227.5973	1227.682	0.0847	69	1	11	MAATCGLRGFK			Carbamidomethyl (C)[5], Oxidation (M)[1]		Mascot
1624.884	1624.8246	-0.0594	-37	22	35	ENPQVLLGIVICNR			Carbamidomethyl (C)[12]		Mascot
1624.884	1624.8246	-0.0594	-37	22	35	ENPQVLLGIVICNR			Carbamidomethyl (C)[12]		Mascot
2225.1594	2225.1218	-0.0376	-17	22	41	ENPQVLLGIVICNREVGD SI			Carbamidomethyl (C)[12]		Mascot

Gel Idx/Pos	69/C14	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	alpha-fetoprotein	gi|191765	Mascot	48791.6	5.47	4	58	78.178	1242156.38	98.065

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1439.7853	1439.8157	0.0304	21	341	354	APQVSTPTLVEAAR					Mascot
1439.7853	1439.8157	0.0304	21	341	354	APQVSTPTLVEAAR					Mascot
1479.7955	1479.8031	0.0076	5	324	336	LGEYGFQNAILVR	43	98.065			Mascot
1479.7955	1479.8031	0.0076	5	324	336	LGEYGFQNAILVR					Mascot
1749.6626	1749.6953	0.0327	19	170	183	ECCHGDLLECADDR			Carbamidomethyl (C)[2,3,10]		Mascot
1901.8964	1901.8773	-0.0191	-10	55	70	ENPTTFMGHYLHEVAR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74137565	Mascot	70740.5	5.78	5	56	67.724	1242156.38	97.15

Protein Group

albumin [Mus musculus]	gi|163310765	70700.5	5.75
unnamed protein product [Mus musculus]	gi|26340966	70730.5	5.75

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1177.6073	1177.6476	0.0403	34	25	34	EAHKSEIAHR					Mascot
1439.7853	1439.8157	0.0304	21	439	452	APQVSTPTLVEAAR					Mascot
1439.7853	1439.8157	0.0304	21	439	452	APQVSTPTLVEAAR					Mascot
1479.7955	1479.8031	0.0076	5	422	434	LGEYGFQNAILVR	43	98.065			Mascot
1479.7955	1479.8031	0.0076	5	422	434	LGEYGFQNAILVR					Mascot
1749.6626	1749.6953	0.0327	19	268	281	ECCHGDLLECADDR			Carbamidomethyl (C)[2,3,10]		Mascot
1901.8964	1901.8773	-0.0191	-10	153	168	ENPTTFMGHYLHEVAR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|26341396	Mascot	67013.5	5.49	4	53	30.994	1242156.38	97.15

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start	End	Sequence	Ion	C. I. %	Modification	Rank	Result Type

				Seq.	Seq.		Score					
1439.7853	1439.8157	0.0304	21	407	420	APQVSTPTLVEAAR						Mascot
1439.7853	1439.8157	0.0304	21	407	420	APQVSTPTLVEAAR						Mascot
1479.7955	1479.8031	0.0076	5	390	402	LGEYGFQNAILVR	43	98.065				Mascot
1479.7955	1479.8031	0.0076	5	390	402	LGEYGFQNAILVR						Mascot
1749.6626	1749.6953	0.0327	19	236	249	ECCHGDLLECADDR			Carbamidomethyl (C)[2,3,10]			Mascot
1901.8964	1901.8773	-0.0191	-10	121	136	ENPTTFMGHYLHEVAR						Mascot

4 unnamed protein product [Mus musculus] gi|26342539 Mascot 52007.5 5.82 10 47 0 1242156.38

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
941.4686	941.5035	0.0349	37	359	366	DHGEKLDK					Mascot
1283.8046	1283.7156	-0.089	-69	319	329	VISLNKQILQK					Mascot
1305.7162	1305.7178	0.0016	1	168	179	TVVGLSDAYKPR					Mascot
1419.6434	1419.6949	0.0515	36	398	408	SQEQEFKAHCR			Carbamidomethyl (C)[10]		Mascot
1461.8173	1461.7949	-0.0224	-15	168	180	TVVGLSDAYKPRR					Mascot
1554.7468	1554.6571	-0.0897	-58	127	139	AIETKEEMGDYIR					Mascot
1894.9691	1894.9423	-0.0268	-14	1	18	MGLPKGPEGQGLPEVETR					Mascot
1940.9238	1940.9312	0.0074	4	253	269	IQSLMTKMTAMANEESR					Mascot
2233.1316	2233.0911	-0.0405	-18	378	397	ADPSMLQNLRALVAMNESLK			Oxidation (M)[5,15]		Mascot
2458.1516	2458.1868	0.0352	14	431	453	IISGGEPQGALTSTMTHNEDLDR			Oxidation (M)[15]		Mascot

5 coiled-coil domain containing 93 isoform c [Mus musculus] gi|160333440 Mascot 72714.7 8.4 11 46 0 1242156.38

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
941.4686	941.5035	0.0349	37	358	365	DHGEKLDK					Mascot
1283.8046	1283.7156	-0.089	-69	318	328	VISLNKQILQK					Mascot
1305.7162	1305.7178	0.0016	1	168	179	TVVGLSDAYKPR					Mascot
1419.6434	1419.6949	0.0515	36	397	407	SQEQEFKAHCR			Carbamidomethyl (C)[10]		Mascot
1461.8173	1461.7949	-0.0224	-15	168	180	TVVGLSDAYKPRR					Mascot
1554.7468	1554.6571	-0.0897	-58	127	139	AIETKEEMGDYIR					Mascot
1740.7671	1740.8306	0.0635	36	237	251	VDAHEEDELQAAEER					Mascot

1894.9691	1894.9423	-0.0268	-14	1	18	MGLPKGPEGQGLPEVETR		Mascot
1940.9238	1940.9312	0.0074	4	252	268	IQSLMTKMTAMANEESR		Mascot
2233.1316	2233.0911	-0.0405	-18	377	396	ADPSMLQNLRALVAMNESLK	Oxidation (M)[5,15]	Mascot
2458.1516	2458.1868	0.0352	14	430	452	IISGGEPQGALTSTMTHNEDLDR	Oxidation (M)[15]	Mascot

Gel Idx/Pos	58/C15	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	6-phosphogluconolactonase [Mus musculus]	gi|13384778	Mascot	27465.5	5.55	9	256	100	573059.44	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
932.5451	932.5408	-0.0043	-5	246	253	LLSVPFEK					Mascot
1183.5201	1183.528	0.0079	7	73	81	WTLGFCDER			Carbamidomethyl (C)[6]		Mascot
1251.7056	1251.7085	0.0029	2	220	231	EGTLPAALVQPR	23	0			Mascot
1251.7056	1251.7085	0.0029	2	220	231	EGTLPAALVQPR					Mascot
1482.77	1482.7717	0.0017	1	57	72	DLPAAAAPAGPASFAR	76	100			Mascot
1482.77	1482.7717	0.0017	1	57	72	DLPAAAAPAGPASFAR					Mascot
1594.8622	1594.8496	-0.0126	-8	41	56	FALGLSGGSLVSMLAR			Oxidation (M)[13]		Mascot
1601.901	1601.9025	0.0015	1	171	185	IVAPISDSPKPPPQR	55	99.91			Mascot
1601.901	1601.9025	0.0015	1	171	185	IVAPISDSPKPPPQR					Mascot
1767.8701	1767.8717	0.0016	1	82	96	LVPFDHAESTYGLYR	30	67.561			Mascot
1767.8701	1767.8717	0.0016	1	82	96	LVPFDHAESTYGLYR					Mascot
1850.0382	1850.0361	-0.0021	-1	215	231	ILEDKEGTLPAALVQPR					Mascot
2807.4463	2807.4492	0.0029	1	103	128	LPIPDSQVLTINPALPVED AAEDYAR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|26331124	Mascot	22820	5.78	6	207	100	573059.44	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1183.5201	1183.528	0.0079	7	73	81	WTLGFCDER			Carbamidomethyl (C)[6]		Mascot
1482.77	1482.7717	0.0017	1	57	72	DLPAAAAPAGPASFAR	76	100			Mascot
1482.77	1482.7717	0.0017	1	57	72	DLPAAAAPAGPASFAR					Mascot
1594.8622	1594.8496	-0.0126	-8	41	56	FALGLSGGSLVSMLAR			Oxidation (M)[13]		Mascot
1601.901	1601.9025	0.0015	1	171	185	IVAPISDSPKPPPQR	55	99.91			Mascot
1601.901	1601.9025	0.0015	1	171	185	IVAPISDSPKPPPQR					Mascot
1767.8701	1767.8717	0.0016	1	82	96	LVPFDHAESTYGLYR	30	67.561			Mascot
1767.8701	1767.8717	0.0016	1	82	96	LVPFDHAESTYGLYR					Mascot

	2807.4463	2807.4492	0.0029	1	103	128	LPIPDSQVLTINPALPVED AAEDYAR									Mascot
3	unnamed protein product [Mus musculus]						gi|26344099	Mascot	18371.4	6.9	4	133	100	573059.44	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1183.5201	1183.528	0.0079	7	73	81	WTLGFCDER			Carbamidomethyl (C)[6]		Mascot
1482.77	1482.7717	0.0017	1	57	72	DLPAAAAPAGPASFAR	76	100			Mascot
1482.77	1482.7717	0.0017	1	57	72	DLPAAAAPAGPASFAR					Mascot
1594.8622	1594.8496	-0.0126	-8	41	56	FALGLSGGSLVSMLAR			Oxidation (M)[13]		Mascot
1767.8701	1767.8717	0.0016	1	82	96	LVPFDHAESTYGLYR	30	67.561			Mascot
1767.8701	1767.8717	0.0016	1	82	96	LVPFDHAESTYGLYR					Mascot

4	6-phosphogluconolactonase, isoform CRA_b [Mus musculus]						gi|148696998	Mascot	18769.1	5.3	5	117	100	573059.44	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
932.5451	932.5408	-0.0043	-5	163	170	LLSVPFEK					Mascot
1251.7056	1251.7085	0.0029	2	137	148	EGTLPAALVQPR	23	0			Mascot
1251.7056	1251.7085	0.0029	2	137	148	EGTLPAALVQPR					Mascot
1601.901	1601.9025	0.0015	1	88	102	IVAPISDSPKPPPQR	55	99.91			Mascot
1601.901	1601.9025	0.0015	1	88	102	IVAPISDSPKPPPQR					Mascot
1850.0382	1850.0361	-0.0021	-1	132	148	ILEDKEGTLPAALVQPR					Mascot
2807.4463	2807.4492	0.0029	1	20	45	LPIPDSQVLTINPALPVED AAEDYAR					Mascot

5	envelope protein						gi|202241	Mascot	3224.8	9.41	1	35	0	573059.44	0	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1482.7369	1482.7717	0.0348	23	12	26	GGNAAPAAEMVELPR	25	0			Mascot
1482.7369	1482.7717	0.0348	23	12	26	GGNAAPAAEMVELPR					Mascot

Gel Idx/Pos	70/C16	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	10

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	thioredoxin domain containing 5 [Mus musculus]	gi|148708993	Mascot	41267	5.36	7	42	0	399329.16	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1079.6249	1079.6276	0.0027	3	325	333	GYPTLLLFR					Mascot
1079.6249	1079.6276	0.0027	3	325	333	GYPTLLLFR					Mascot
1150.6256	1150.6235	-0.0021	-2	72	81	FFKPGQEAVK					Mascot
1150.6256	1150.6235	-0.0021	-2	72	81	FFKPGQEAVK					Mascot
1301.6848	1301.6909	0.0061	5	346	356	DLDSLHSFVLR	2	0			Mascot
1301.6848	1301.6909	0.0061	5	346	356	DLDSLHSFVLR					Mascot
1555.8003	1555.8008	0.0005	0	261	274	SFEDTIAQGITFVK					Mascot
1739.7324	1739.7473	0.0149	9	50	65	VDCTADSDVCSAQGVR			Carbamidomethyl (C)[3,10]		Mascot
1988.8702	1988.8856	0.0154	8	176	191	VDCTQHYAVCSEHQVR			Carbamidomethyl (C)[3,10]		Mascot
1988.8702	1988.8856	0.0154	8	176	191	VDCTQHYAVCSEHQVR			Carbamidomethyl (C)[3,10]		Mascot
2225.0178	2225.1228	0.105	47	26	44	LQPTWNDLGDKYNSMEDAK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	RIKEN cDNA 2310010I16 [Mus musculus]	gi|148673213	Mascot	30891.7	7.7	7	41	0	399329.16	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
870.5519	870.5478	-0.0041	-5	104	111	AALQALKR					Mascot
1068.533	1068.5543	0.0213	20	148	157	NMGFAAKAMK					Mascot
1156.5416	1156.6195	0.0779	67	158	167	AVHDNMDLNK					Mascot
1230.6008	1230.5591	-0.0417	-34	241	251	ASMPSSVHRSR			Oxidation (M)[3]		Mascot
1230.6008	1230.5591	-0.0417	-34	241	251	ASMPSSVHRSR			Oxidation (M)[3]		Mascot
1516.79	1516.7239	-0.0661	-44	11	22	QLVDSQELCRLR			Carbamidomethyl (C)[9]		Mascot
2239.175	2239.137	-0.038	-17	219	239	KMTSLELPNVPSSSLPAQPSR					Mascot
2239.175	2239.137	-0.038	-17	220	240	MTSLELPNVPSSSLPAQPSRK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74224213	Mascot	20776.1	6.46	6	40	0	399329.16	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1015.5167	1015.4718	-0.0449	-44	115	124	VDKSAADGPR					Mascot
1068.5507	1068.5543	0.0036	3	102	111	VGFSKAMSNK					Mascot
1184.6635	1184.6127	-0.0508	-43	140	150	LQLVQAGQAEK					Mascot
1260.6318	1260.6533	0.0215	17	128	138	VVDSIEDEVQK					Mascot
1383.7665	1383.6862	-0.0803	-58	1	12	MADNPVLELLLR					Mascot
1555.8625	1555.8008	-0.0617	-40	1	13	MADNPVLELLLRR			Oxidation (M)[1]		Mascot

4	plasma cell-specific thioredoxin-related protein; PC-TRP [Mus musculus]	gi|37936005	Mascot	47101.2	5.51	7	38	0	399329.16	0	

Protein Group

	thioredoxin domain containing 5 [Mus musculus]	gi|83921612		47070.2	5.5100 002288 8184						

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1079.6249	1079.6276	0.0027	3	380	388	GYPTLLLFR					Mascot
1079.6249	1079.6276	0.0027	3	380	388	GYPTLLLFR					Mascot
1150.6256	1150.6235	-0.0021	-2	127	136	FFKPGQEAVK					Mascot
1150.6256	1150.6235	-0.0021	-2	127	136	FFKPGQEAVK					Mascot
1301.6848	1301.6909	0.0061	5	401	411	DLDSLHSFVLR	2	0			Mascot
1301.6848	1301.6909	0.0061	5	401	411	DLDSLHSFVLR					Mascot
1555.8003	1555.8008	0.0005	0	316	329	SFEDTIAQGITFVK					Mascot
1739.7324	1739.7473	0.0149	9	105	120	VDCTADSDVCSAQGVR			Carbamidomethyl (C)[3,10]		Mascot
1988.8702	1988.8856	0.0154	8	231	246	VDCTQHYAVCSEHQVR			Carbamidomethyl (C)[3,10]		Mascot
1988.8702	1988.8856	0.0154	8	231	246	VDCTQHYAVCSEHQVR			Carbamidomethyl (C)[3,10]		Mascot
2225.0178	2225.1228	0.105	47	81	99	LQPTWNDLGDKYNSMEDAK					Mascot

5	actin, gamma, cytoplasmic 1 [Mus musculus]	gi|123298588	Mascot	16951.4	6.29	5	35	0	399329.16		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.4747	0.0264	27	19	28	AGFAGDDAPR					Mascot
1177.6133	1177.5972	-0.0161	-14	94	104	EITALAPSTMK			Oxidation (M)[10]		Mascot

1198.7056	1198.7167	0.0111	9	29	39	AVFPSIVGRPR		Mascot
1516.7028	1516.7239	0.0211	14	138	150	QEYDESGPSIVHR		Mascot
2231.0649	2231.0884	0.0235	11	70	90	DLYANTVLSGGTTMYPGI ADR	Oxidation (M)[14]	Mascot

Gel Idx/Pos	59/C17	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	cofilin 1, non-muscle [Mus musculus]	gi|6680924	Mascot	18775.8	8.22	10	381	100	799619.81	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
915.5145	915.5139	-0.0006	-1	46	53	NIILEEGK					Mascot
1050.4707	1050.4738	0.0031	3	74	81	MLPDKDCR	0	0	Carbamidomethyl (C)[7], Oxidation (M)[1]		Mascot
1050.4707	1050.4738	0.0031	3	74	81	MLPDKDCR			Carbamidomethyl (C)[7], Oxidation (M)[1]		Mascot
1309.6821	1309.6875	0.0054	4	35	45	AVLFCLSEDKK	66	99.989	Carbamidomethyl (C)[5]		Mascot
1309.6821	1309.6875	0.0054	4	35	45	AVLFCLSEDKK			Carbamidomethyl (C)[5]		Mascot
1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK	77	100			Mascot
1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK					Mascot
1340.7784	1340.7758	-0.0026	-2	153	166	LGGSAVISLEGKPL					Mascot
1519.6846	1519.6868	0.0022	1	133	144	HELQANCYEEVK			Carbamidomethyl (C)[7]		Mascot
1790.8126	1790.8186	0.006	3	133	146	HELQANCYEEVKDR	102	100	Carbamidomethyl (C)[7]		Mascot
1790.8126	1790.8186	0.006	3	133	146	HELQANCYEEVKDR			Carbamidomethyl (C)[7]		Mascot
2043.1155	2043.062	-0.0535	-26	147	166	CTLAEKLGGSAVISLEGKPL			Carbamidomethyl (C)[1]		Mascot
2196.1072	2196.1069	-0.0003	0	54	73	EILVGDVGQTVDDPYTTFVK	45	98.775			Mascot
2196.1072	2196.1069	-0.0003	0	54	73	EILVGDVGQTVDDPYTTFVK					Mascot
3092.6038	3092.5859	-0.0179	-6	46	73	NIILEEGKEILVGDVGQTVDDPYTTFVK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	PREDICTED: similar to Cofilin-1 (Cofilin, non-muscle isoform) [Mus musculus]	gi|149255823	Mascot	18730.7	7.59	7	242	100	799619.81	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
915.5145	915.5139	-0.0006	-1	46	53	NIILEEGK					Mascot
1050.4707	1050.4738	0.0031	3	74	81	MLPDKDCR	0	0	Carbamidomethyl (C)[7], Oxidation (M)[1]		Mascot
1050.4707	1050.4738	0.0031	3	74	81	MLPDKDCR			Carbamidomethyl (C)[7], Oxidation (M)[1]		Mascot
1309.6821	1309.6875	0.0054	4	35	45	AVLFCLSEDKK	66	99.989	Carbamidomethyl (C)[5]		Mascot
1309.6821	1309.6875	0.0054	4	35	45	AVLFCLSEDKK			Carbamidomethyl (C)[5]		Mascot

	1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK		77	100						Mascot
	1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK									Mascot
	1340.7784	1340.7758	-0.0026	-2	153	166	LGGSAVISLEGKPL									Mascot
	2196.1072	2196.1069	-0.0003	0	54	73	EILVGDVGQTVDDPYTTFVK		45	98.775						Mascot
	2196.1072	2196.1069	-0.0003	0	54	73	EILVGDVGQTVDDPYTTFVK									Mascot
	3092.6038	3092.5859	-0.0179	-6	46	73	NIILEEGKEILVGDVGQTVDDPYTTFVK									Mascot
3	unnamed protein product [Mus musculus]					gi|12861068	Mascot	25292.9	8.63	6	225	100	799619.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
915.5145	915.5139	-0.0006	-1	46	53	NIILEEGK					Mascot
1050.4707	1050.4738	0.0031	3	74	81	MLPDKDCR	0	0	Carbamidomethyl (C)[7], Oxidation (M)[1]		Mascot
1050.4707	1050.4738	0.0031	3	74	81	MLPDKDCR			Carbamidomethyl (C)[7], Oxidation (M)[1]		Mascot
1309.6821	1309.6875	0.0054	4	35	45	AVLFCLSEDKK	66	99.989	Carbamidomethyl (C)[5]		Mascot
1309.6821	1309.6875	0.0054	4	35	45	AVLFCLSEDKK			Carbamidomethyl (C)[5]		Mascot
1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK	77	100			Mascot
1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK					Mascot
2196.1072	2196.1069	-0.0003	0	54	73	EILVGDVGQTVDDPYTTFVK	45	98.775			Mascot
2196.1072	2196.1069	-0.0003	0	54	73	EILVGDVGQTVDDPYTTFVK					Mascot
3092.6038	3092.5859	-0.0179	-6	46	73	NIILEEGKEILVGDVGQTVDDPYTTFVK					Mascot

4	cofilin 2, muscle [Mus musculus]					gi|6671746	Mascot	18811.9	7.66	5	109	100	799619.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
929.5302	929.5311	0.0009	1	46	53	QIIVEEAK					Mascot
1323.6726	1323.6937	0.0211	16	35	45	AVLFCLSDDKR			Carbamidomethyl (C)[5]		Mascot
1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK	77	100			Mascot
1337.626	1337.6305	0.0045	3	82	92	YALYDATYETK					Mascot
1362.6934	1362.7709	0.0775	57	1	13	MASGVTVNDEVIK					Mascot
2196.1072	2196.1069	-0.0003	0	54	73	QILVGDIGDTVEDPYTSFVK	2	0			Mascot
2196.1072	2196.1069	-0.0003	0	54	73	QILVGDIGDTVEDPYTSFVK					Mascot

5	cofilin 2, muscle, isoform CRA_b [Mus musculus]					gi|148704795	Mascot	19300.1	7.59	4	101	99.999	799619.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
929.5302	929.5311	0.0009	1	52	59	QIIVEEAK					Mascot
1323.6726	1323.6937	0.0211	16	41	51	AVLFCLSDDKR			Carbamidomethyl (C)[5]		Mascot
1337.626	1337.6305	0.0045	3	88	98	YALYDATYETK	77	100			Mascot
1337.626	1337.6305	0.0045	3	88	98	YALYDATYETK					Mascot
2196.1072	2196.1069	-0.0003	0	60	79	QILVGDIGDTVEDPYTSFVK	2	0			Mascot
2196.1072	2196.1069	-0.0003	0	60	79	QILVGDIGDTVEDPYTSFVK					Mascot

Gel Idx/Pos	60/C19	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	proteasome (prosome, macropain) subunit, alpha type 3 [Mus musculus]	gi|31981534	Mascot	28700.2	5.4	11	257	100	524680.38	100

Protein Group

Proteasome subunit alpha type-3 (Proteasome component C8) (Macropain subunit C8) (Multicatalytic endopeptidase complex subunit C8) (Proteasome subunit K)	gi|3914438	28615.2	5.2899999618 5303

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
852.3846	852.389	0.0044	5	94	100	EEASNFR					Mascot
935.5421	935.5417	-0.0004	0	223	230	GRHEIVPK					Mascot
935.5421	935.5417	-0.0004	0	223	230	GRHEIVPK					Mascot
1095.543	1095.548	0.005	5	58	66	LYEEGSNKR					Mascot
1095.543	1095.548	0.005	5	58	66	LYEEGSNKR					Mascot
1130.5551	1130.5487	-0.0064	-6	21	29	VFQVEYAMK	34	80.261	Oxidation (M)[8]		Mascot
1130.5551	1130.5487	-0.0064	-6	21	29	VFQVEYAMK			Oxidation (M)[8]		Mascot
1152.6049	1152.5984	-0.0065	-6	101	110	SNFGYNIPLK	45	98.443			Mascot
1152.6049	1152.5984	-0.0065	-6	101	110	SNFGYNIPLK					Mascot
1217.6484	1217.6526	0.0042	3	30	41	AVENSSTAIGIR					Mascot
1217.6484	1217.6526	0.0042	3	30	41	AVENSSTAIGIR					Mascot
1228.6936	1228.6907	-0.0029	-2	197	206	IIYIVHDEVK					Mascot
1237.6246	1237.6217	-0.0029	-2	42	52	CKDGVVFGVEK			Carbamidomethyl (C)[1]		Mascot
1380.7417	1380.7369	-0.0048	-3	73	86	HVGMAVAGLLADAR					Mascot
1396.7366	1396.7314	-0.0052	-4	73	86	HVGMAVAGLLADAR	30	59.698	Oxidation (M)[4]		Mascot
1396.7366	1396.7314	-0.0052	-4	73	86	HVGMAVAGLLADAR			Oxidation (M)[4]		Mascot
1471.8156	1471.8129	-0.0027	-2	197	208	IIYIVHDEVKDK	64	99.983			Mascot
1471.8156	1471.8129	-0.0027	-2	197	208	IIYIVHDEVKDK					Mascot
2313.1907	2313.1921	0.0014	1	21	41	VFQVEYAMKAVENSSTAIGIR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	proteasome (prosome, macropain) subunit, alpha type 3, isoform CRA_a [Mus musculus]	gi|148704616	Mascot	24300.1	6.49	10	250	100	524680.38	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
852.3846	852.389	0.0044	5	113	119	EEASNFR					Mascot
1095.543	1095.548	0.005	5	77	85	LYEEGSNKR					Mascot
1095.543	1095.548	0.005	5	77	85	LYEEGSNKR					Mascot
1130.5551	1130.5487	-0.0064	-6	40	48	VFQVEYAMK	34	80.261	Oxidation (M)[8]		Mascot
1130.5551	1130.5487	-0.0064	-6	40	48	VFQVEYAMK			Oxidation (M)[8]		Mascot
1152.6049	1152.5984	-0.0065	-6	120	129	SNFGYNIPLK	45	98.443			Mascot
1152.6049	1152.5984	-0.0065	-6	120	129	SNFGYNIPLK					Mascot
1217.6484	1217.6526	0.0042	3	49	60	AVENSSTAIGIR					Mascot
1217.6484	1217.6526	0.0042	3	49	60	AVENSSTAIGIR					Mascot
1228.6936	1228.6907	-0.0029	-2	194	203	IIYIVHDEVK					Mascot
1237.6246	1237.6217	-0.0029	-2	61	71	CKDGVVFGVEK			Carbamidomethyl (C)[1]		Mascot
1380.7417	1380.7369	-0.0048	-3	92	105	HVGMAVAGLLADAR					Mascot
1396.7366	1396.7314	-0.0052	-4	92	105	HVGMAVAGLLADAR	30	59.698	Oxidation (M)[4]		Mascot
1396.7366	1396.7314	-0.0052	-4	92	105	HVGMAVAGLLADAR			Oxidation (M)[4]		Mascot
1471.8156	1471.8129	-0.0027	-2	194	205	IIYIVHDEVKDK	64	99.983			Mascot
1471.8156	1471.8129	-0.0027	-2	194	205	IIYIVHDEVKDK					Mascot
2313.1907	2313.1921	0.0014	1	40	60	VFQVEYAMKAVENSSTAIGIR					Mascot

3	proteasome (prosome, macropain) subunit, alpha type 3, isoform CRA_e [Mus musculus]	gi|148704620	Mascot	30231	5.54	11	249	100	524680.38	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
852.3846	852.389	0.0044	5	108	114	EEASNFR					Mascot
935.5421	935.5417	-0.0004	0	237	244	GRHEIVPK					Mascot
935.5421	935.5417	-0.0004	0	237	244	GRHEIVPK					Mascot
1095.543	1095.548	0.005	5	72	80	LYEEGSNKR					Mascot
1095.543	1095.548	0.005	5	72	80	LYEEGSNKR					Mascot
1130.5551	1130.5487	-0.0064	-6	35	43	VFQVEYAMK	34	80.261	Oxidation (M)[8]		Mascot
1130.5551	1130.5487	-0.0064	-6	35	43	VFQVEYAMK			Oxidation (M)[8]		Mascot
1152.6049	1152.5984	-0.0065	-6	115	124	SNFGYNIPLK	45	98.443			Mascot
1152.6049	1152.5984	-0.0065	-6	115	124	SNFGYNIPLK					Mascot
1217.6484	1217.6526	0.0042	3	44	55	AVENSSTAIGIR					Mascot

1217.6484	1217.6526	0.0042	3	44	55	AVENSSTAIGIR									Mascot
1228.6936	1228.6907	-0.0029	-2	211	220	IIYIVHDEVK									Mascot
1237.6246	1237.6217	-0.0029	-2	56	66	CKDGVVFGVEK				Carbamidomethyl (C)[1]					Mascot
1380.7417	1380.7369	-0.0048	-3	87	100	HVGMAVAGLLADAR									Mascot
1396.7366	1396.7314	-0.0052	-4	87	100	HVGMAVAGLLADAR		30	59.698	Oxidation (M)[4]					Mascot
1396.7366	1396.7314	-0.0052	-4	87	100	HVGMAVAGLLADAR				Oxidation (M)[4]					Mascot
1471.8156	1471.8129	-0.0027	-2	211	222	IIYIVHDEVKDK		64	99.983						Mascot
1471.8156	1471.8129	-0.0027	-2	211	222	IIYIVHDEVKDK									Mascot
2313.1907	2313.1921	0.0014	1	35	55	VFQVEYAMKAVENSSTAIGIR									Mascot

4	proteasome (prosome, macropain) subunit, alpha type 3, isoform CRA_d [Mus musculus]	gi|148704619	Mascot	21290.8	6.5	7	193	100	524680.38	100					

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
852.3846	852.389	0.0044	5	66	72	EEASNFR					Mascot
1095.543	1095.548	0.005	5	30	38	LYEEGSNKR					Mascot
1095.543	1095.548	0.005	5	30	38	LYEEGSNKR					Mascot
1152.6049	1152.5984	-0.0065	-6	73	82	SNFGYNIPLK	45	98.443			Mascot
1152.6049	1152.5984	-0.0065	-6	73	82	SNFGYNIPLK					Mascot
1228.6936	1228.6907	-0.0029	-2	169	178	IIYIVHDEVK					Mascot
1237.6246	1237.6217	-0.0029	-2	14	24	CKDGVVFGVEK			Carbamidomethyl (C)[1]		Mascot
1380.7417	1380.7369	-0.0048	-3	45	58	HVGMAVAGLLADAR					Mascot
1396.7366	1396.7314	-0.0052	-4	45	58	HVGMAVAGLLADAR	30	59.698	Oxidation (M)[4]		Mascot
1396.7366	1396.7314	-0.0052	-4	45	58	HVGMAVAGLLADAR			Oxidation (M)[4]		Mascot
1471.8156	1471.8129	-0.0027	-2	169	180	IIYIVHDEVKDK	64	99.983			Mascot
1471.8156	1471.8129	-0.0027	-2	169	180	IIYIVHDEVKDK					Mascot

5	proteasome (prosome, macropain) subunit, alpha type 3, isoform CRA_c [Mus musculus]	gi|148704618	Mascot	25584.9	5.83	8	192	100	524680.38	100					

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
852.3846	852.389	0.0044	5	64	70	EEASNFR					Mascot
935.5421	935.5417	-0.0004	0	193	200	GRHEIVPK					Mascot
935.5421	935.5417	-0.0004	0	193	200	GRHEIVPK					Mascot

1095.543	1095.548	0.005	5	28	36	LYEEGSNKR				Mascot
1095.543	1095.548	0.005	5	28	36	LYEEGSNKR				Mascot
1152.6049	1152.5984	-0.0065	-6	71	80	SNFGYNIPLK	45	98.693		Mascot
1152.6049	1152.5984	-0.0065	-6	71	80	SNFGYNIPLK				Mascot
1228.6936	1228.6907	-0.0029	-2	167	176	IIYIVHDEVK				Mascot
1237.6246	1237.6217	-0.0029	-2	12	22	CKDGVVFGVEK			Carbamidomethyl (C)[1]	Mascot
1380.7417	1380.7369	-0.0048	-3	43	56	HVGMAVAGLLADAR				Mascot
1396.7366	1396.7314	-0.0052	-4	43	56	HVGMAVAGLLADAR	30	66.16	Oxidation (M)[4]	Mascot
1396.7366	1396.7314	-0.0052	-4	43	56	HVGMAVAGLLADAR			Oxidation (M)[4]	Mascot
1471.8156	1471.8129	-0.0027	-2	167	178	IIYIVHDEVKDK	64	99.986		Mascot
1471.8156	1471.8129	-0.0027	-2	167	178	IIYIVHDEVKDK				Mascot

Gel Idx/Pos	72/C20	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	10

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	PREDICTED: hypothetical protein [Mus musculus]	gi|149252028	Mascot	21895.7	4.99	6	83	99.928	303306.06	95.393

Protein Group

proteasome endopeptidase complex (EC 3.4.25.1) delta chain - mouse	gi|2118156	21955.7	4.9899997711816

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
847.4268	847.4351	0.0083	10	164	172	DGSSGGVIR					Mascot
1083.543	1083.5433	0.0003	0	17	26	TTTGSYIANR					Mascot
1083.543	1083.5433	0.0003	0	17	26	TTTGSYIANR					Mascot
1110.6517	1110.646	-0.0057	-5	184	193	QVLLGDQIPK					Mascot
1110.6517	1110.646	-0.0057	-5	184	193	QVLLGDQIPK					Mascot
1172.627	1172.6296	0.0026	2	173	183	LAAIQESGVER	10	0			Mascot
1172.627	1172.6296	0.0026	2	173	183	LAAIQESGVER					Mascot
1568.7461	1568.7429	-0.0032	-2	31	42	LTPIHDHIFCCR	13	0	Carbamidomethyl (C)[10,11]		Mascot
1568.7461	1568.7429	-0.0032	-2	31	42	LTPIHDHIFCCR			Carbamidomethyl (C)[10,11]		Mascot
2362.0986	2362.1082	0.0096	4	120	141	QSFAIGGSGSSYIYGYVDATYR	16	0			Mascot
2362.0986	2362.1082	0.0096	4	120	141	QSFAIGGSGSSYIYGYVDATYR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	RecName: Full=Proteasome subunit beta type-6; AltName: Full=Proteasome delta chain; AltName: Full=Macropain delta chain; AltName: Full=Multicatalytic endopeptidase complex delta chain; AltName: Full=Proteasome subunit Y; Flags: Precursor	gi|84028244	Mascot	25590.6	4.97	6	79	99.831	303306.06	95.393

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
847.4268	847.4351	0.0083	10	200	208	DGSSGGVIR					Mascot
1083.543	1083.5433	0.0003	0	53	62	TTTGSYIANR					Mascot
1083.543	1083.5433	0.0003	0	53	62	TTTGSYIANR					Mascot
1110.6517	1110.646	-0.0057	-5	220	229	QVLLGDQIPK					Mascot

1110.6517	1110.646	-0.0057	-5	220	229	QVLLGDQIPK									Mascot
1172.627	1172.6296	0.0026	2	209	219	LAAIQESGVER			10	0					Mascot
1172.627	1172.6296	0.0026	2	209	219	LAAIQESGVER									Mascot
1568.7461	1568.7429	-0.0032	-2	67	78	LTPIHDHIFCCR			13	0	Carbamidomethyl (C)[10,11]				Mascot
1568.7461	1568.7429	-0.0032	-2	67	78	LTPIHDHIFCCR					Carbamidomethyl (C)[10,11]				Mascot
2362.0986	2362.1082	0.0096	4	156	177	QSFAIGGSGSSYIYGYVD ATYR			16	0					Mascot
2362.0986	2362.1082	0.0096	4	156	177	QSFAIGGSGSSYIYGYVD ATYR									Mascot

3	unnamed protein product [Mus musculus]	gi|74204932	Mascot	26619.9	5.16	5	70	98.419	303306.06	95.393		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
847.4268	847.4351	0.0083	10	200	208	DGSSGGVIR					Mascot
1083.543	1083.5433	0.0003	0	53	62	TTTGSYIANR					Mascot
1083.543	1083.5433	0.0003	0	53	62	TTTGSYIANR					Mascot
1172.627	1172.6296	0.0026	2	209	219	LAAIQESGVER	10	0			Mascot
1172.627	1172.6296	0.0026	2	209	219	LAAIQESGVER					Mascot
1568.7461	1568.7429	-0.0032	-2	67	78	LTPIHDHIFCCR	13	0	Carbamidomethyl (C)[10,11]		Mascot
1568.7461	1568.7429	-0.0032	-2	67	78	LTPIHDHIFCCR			Carbamidomethyl (C)[10,11]		Mascot
2362.0986	2362.1082	0.0096	4	156	177	QSFAIGGSGSSYIYGYVD ATYR	16	0			Mascot
2362.0986	2362.1082	0.0096	4	156	177	QSFAIGGSGSSYIYGYVD ATYR					Mascot

4	proteasome (prosome, macropain) subunit, beta type 6 [Mus musculus]	gi|31982099	Mascot	21994.8	5.14	5	54	50.01	303306.06	0		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
847.4268	847.4351	0.0083	10	164	172	DGSSGGVIR					Mascot
1083.543	1083.5433	0.0003	0	17	26	TTTGSYIANR					Mascot
1083.543	1083.5433	0.0003	0	17	26	TTTGSYIANR					Mascot
1110.6517	1110.646	-0.0057	-5	184	193	QVLLGDQIPK					Mascot
1110.6517	1110.646	-0.0057	-5	184	193	QVLLGDQIPK					Mascot
1172.627	1172.6296	0.0026	2	173	183	LAAIQESGVER	10	0			Mascot
1172.627	1172.6296	0.0026	2	173	183	LAAIQESGVER					Mascot
1568.7461	1568.7429	-0.0032	-2	31	42	LTPIHDHIFCCR	13	0	Carbamidomethyl (C)[10,11]		Mascot

	1568.7461	1568.7429	-0.0032	-2	31	42	LTPIHDHIFCCR				Carbamidomethyl (C)[10,11]					Mascot
5	mCG21162, isoform CRA_a [Mus musculus]				gi|148680629		Mascot	22165.8	4.83	4	50	0	303306.06	1.954		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
847.4268	847.4351	0.0083	10	167	175	DGSSGGVIR					Mascot
1110.6517	1110.646	-0.0057	-5	187	196	QVLLGDQIPK					Mascot
1110.6517	1110.646	-0.0057	-5	187	196	QVLLGDQIPK					Mascot
1172.627	1172.6296	0.0026	2	176	186	LAAIQESGVER	10	0			Mascot
1172.627	1172.6296	0.0026	2	176	186	LAAIQESGVER					Mascot
2362.0986	2362.1082	0.0096	4	123	144	QSFAIGGSGSSYIYGYVDATYR	16	0			Mascot
2362.0986	2362.1082	0.0096	4	123	144	QSFAIGGSGSSYIYGYVDATYR					Mascot

Gel Idx/Pos	61/C21	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	5	39	0	912380.31	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5299	-0.0316	-37	27	33	LKVLLDR					Mascot
1045.5823	1045.567	-0.0153	-15	20	28	NMGIDVRLK					Mascot
1439.7965	1439.8073	0.0108	8	2	15	AQGKVASLGPVEQR					Mascot
1439.7965	1439.8073	0.0108	8	2	15	AQGKVASLGPVEQR					Mascot
1901.9592	1901.8746	-0.0846	-44	56	70	MGERFHFFALLPHQR			Oxidation (M)[1]		Mascot
2225.0513	2225.1228	0.0715	32	41	59	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	hypothetical protein LOC624855 [Mus musculus]	gi|85702318	Mascot	11659.8	7.82	5	37	0	912380.31	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
927.551	927.4963	-0.0547	-59	44	51	DIDKLVPK					Mascot
927.551	927.4963	-0.0547	-59	44	51	DIDKLVPK					Mascot
1211.6453	1211.6803	0.035	29	38	47	HVMLPKDIDK			Oxidation (M)[3]		Mascot
1419.6686	1419.6926	0.024	17	52	62	THLMSESEWRK			Oxidation (M)[4]		Mascot
1567.645	1567.7489	0.1039	66	1	13	MPACCWELSGGQR	0	0	Carbamidomethyl (C)[4,5], Oxidation (M)[1]		Mascot
1567.645	1567.7489	0.1039	66	1	13	MPACCWELSGGQR			Carbamidomethyl (C)[4,5], Oxidation (M)[1]		Mascot
1576.7108	1576.7609	0.0501	32	2	14	PACCWELSGGQRR			Carbamidomethyl (C)[3,4]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	laminin, beta 3 [Mus musculus]	gi|113865981	Mascot	132693.7	7.71	12	35	0	912380.31	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1045.536	1045.567	0.031	30	821	830	AKGAFHMAGR					Mascot
1249.5841	1249.6211	0.037	30	82	93	VENVASSSGPMR			Oxidation (M)[11]		Mascot
1249.6284	1249.6211	-0.0073	-6	837	846	NFNTQLQQTR					Mascot

1415.6368	1415.6764	0.0396	28	114	124	MQLQDIMMDFK				Oxidation (M)[1]			Mascot
1415.6368	1415.6764	0.0396	28	114	124	MQLQDIMMDFK				Oxidation (M)[1]			Mascot
1443.6508	1443.64	-0.0108	-7	1027	1038	GMKEQMSGFWAR				Oxidation (M)[2]			Mascot
1487.7676	1487.6987	-0.0689	-46	24	37	GACYPPVGDLLIGR				Carbamidomethyl (C)[3]			Mascot
1691.8218	1691.7297	-0.0921	-54	546	560	ASGRCLCRPGFTGPR				Carbamidomethyl (C)[5,7]			Mascot
1749.7433	1749.686	-0.0573	-33	515	529	QCPDQTYGHVATGCR				Carbamidomethyl (C)[2,14]			Mascot
1778.9105	1778.811	-0.0995	-56	125	141	GLTPAGMLIERSSDFGK							Mascot
1880.9205	1880.9235	0.003	2	1124	1139	DMESELLRGSQAIMLR				Oxidation (M)[2,14]			Mascot
1880.9205	1880.9235	0.003	2	1124	1139	DMESELLRGSQAIMLR				Oxidation (M)[2,14]			Mascot
1902.0001	1901.8746	-0.1255	-66	189	206	VQLNLMDLASAIPASQSK				Oxidation (M)[6]			Mascot
1907.8916	1907.918	0.0264	14	1058	1075	QLAEGASQQAMNAQEG FK							Mascot

4	PREDICTED: hypothetical protein [Mus musculus]	gi|149270117	Mascot	14513.7	11.63	4	32	0	912380.31	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
868.5475	868.5458	-0.0017	-2	39	46	RALRPGAK					Mascot
1305.6692	1305.7107	0.0415	32	2	14	LGCTAAGATRATR			Carbamidomethyl (C)[3]		Mascot
1881.0414	1880.9235	-0.1179	-63	15	33	LLTAARPARLGGAGTDG QR					Mascot
1881.0414	1880.9235	-0.1179	-63	15	33	LLTAARPARLGGAGTDG QR					Mascot
2225.0615	2225.1228	0.0613	28	80	105	AAPGSAAPPGPGGASLS AATGGSCQK			Carbamidomethyl (C)[24]		Mascot

5	mCG52204 [Mus musculus]	gi|148684300	Mascot	62070	9.47	7	30	0	912380.31	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1263.6804	1263.6365	-0.0439	-35	159	170	VDAARPVHAAEK					Mascot
1439.8145	1439.8073	-0.0072	-5	111	122	VIYSKYTDLIPK					Mascot
1439.8145	1439.8073	-0.0072	-5	111	122	VIYSKYTDLIPK					Mascot
1479.8167	1479.7964	-0.0203	-14	387	400	DISEVIALGVPNPR					Mascot
1479.8167	1479.7964	-0.0203	-14	387	400	DISEVIALGVPNPR					Mascot
1537.7792	1537.8015	0.0223	15	439	452	GGKDMAQSIYRPSK					Mascot
1537.7792	1537.8015	0.0223	15	439	452	GGKDMAQSIYRPSK					Mascot
1567.8051	1567.7489	-0.0562	-36	221	235	GPPSPPVPVMHSPPR			Oxidation (M)[10]		Mascot
1567.8051	1567.7489	-0.0562	-36	221	235	GPPSPPVPVMHSPPR			Oxidation (M)[10]		Mascot

1673.7323	1673.7823	0.05	30	453	466	SLDKDMYGDDLETR	Oxidation (M)[6]	Mascot
1981.9403	1982.0013	0.061	31	176	193	YIHYTPSQQGGTFNSGPK		Mascot

Gel Idx/Pos	73/C22	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	10		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	329180.47	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1365	0.0188	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1365	0.0188	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1555	0.0869	39	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1731	0.0232	10	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Puf60 protein [Mus musculus]	gi|14714891	Mascot	54165.7	5.23	6	29	0	329180.47	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4843	842.5096	0.0253	30	468	475	AIQALNGR					Mascot
892.5138	892.5278	0.014	16	436	442	VIIYQEK					Mascot
1113.5609	1113.5414	-0.0195	-18	29	37	KYAMEQSIK			Oxidation (M)[4]		Mascot
2233.1599	2233.0896	-0.0703	-31	436	454	VIIYQEKQGEEEDAEIIVK					Mascot
2811.4194	2811.3083	-0.1111	-40	1	26	MENGQSTGTKLGLPPLTPEQQEALQK			Oxidation (M)[1]		Mascot
3353.6294	3353.7654	0.136	41	109	138	HKGFAFVEYEVPEAAQLALEQMNSVMLGGR			Oxidation (M)[22,26]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74143782	Mascot	75674.7	6.57	6	26	0	329180.47	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4943	0.0216	25	550	556	FFSHKAK					Mascot
2211.2231	2211.1077	-0.1154	-52	410	429	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1365	0.0083	4	473	492	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1365	-0.04	-18	362	380	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot

	2246.1187	2246.2039	0.0852	38	181	199	ATEVEWILSLSEEENELVR								Mascot
	3353.5632	3353.7654	0.2022	60	623	652	CESAGTSQVTTLPLPTLFGNNHMKMEVACK				Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]				Mascot
4	unnamed protein product [Mus musculus]				gi|74224754		Mascot	20924.1	8.86	4	25	0	329180.47		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.4935	1106.5486	0.0551	50	94	101	MKEDEPWR			Oxidation (M)[1]		Mascot
1941.015	1940.933	-0.082	-42	143	160	KGAVSSALYMAWLEALSK			Oxidation (M)[10]		Mascot
1941.015	1940.933	-0.082	-42	143	160	KGAVSSALYMAWLEALSK			Oxidation (M)[10]		Mascot
2225.1636	2225.1213	-0.0423	-19	47	65	FRIDFSDIMVLGDINTKPK			Oxidation (M)[9]		Mascot
2255.2183	2255.0815	-0.1368	-61	161	180	DLPPVLLVRGNHQSVLTFYS					Mascot

5	PREDICTED: similar to fuse-binding protein-interacting repressor isoform a [Rattus norvegicus]				gi|34866841		Mascot	60381.8	5.2	6	24	0	329180.47		

Protein Group

poly-U binding splicing factor 60 isoform a [Mus musculus]	gi|76677817	60353.8	5.1999998092 6514

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4843	842.5096	0.0253	30	533	540	AIQALNGR					Mascot
892.5138	892.5278	0.014	16	501	507	VIIYQEK					Mascot
1113.5609	1113.5414	-0.0195	-18	77	85	KYAMEQSIK			Oxidation (M)[4]		Mascot
2233.1599	2233.0896	-0.0703	-31	501	519	VIIYQEKQGEEEDAEIIVK					Mascot
2811.4194	2811.3083	-0.1111	-40	49	74	MENGQSTGTKLGLPPLTPEQQEALQK			Oxidation (M)[1]		Mascot
3353.6294	3353.7654	0.136	41	174	203	HKGFAFVEYEVPEAAQLALEQMNSVMLGGR			Oxidation (M)[22,26]		Mascot

Gel Idx/Pos	62/C23	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	9

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	elongation factor 2	gi|192989	Mascot	30212.2	6.2	3	80	99.852	309703.66	99.99

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1799.8964	1799.9014	0.005	3	196	211	AYLPVNESFGFTADLR	64	99.99			Mascot
1799.8964	1799.9014	0.005	3	196	211	AYLPVNESFGFTADLR					Mascot
1977.974	1977.9717	-0.0023	-1	178	195	GHVFEESQVAGTPMFVVK			Oxidation (M)[14]		Mascot
1977.974	1977.9717	-0.0023	-1	178	195	GHVFEESQVAGTPMFVVK			Oxidation (M)[14]		Mascot
2233.1323	2233.0835	-0.0488	-22	58	77	KIWCFGPDGTGPNILTDITK			Carbamidomethyl (C)[4]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Eef2 protein [Mus musculus]	gi|12805513	Mascot	32378.4	6.36	3	79	99.831	309703.66	99.99

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1799.8964	1799.9014	0.005	3	215	230	AYLPVNESFGFTADLR	64	99.99			Mascot
1799.8964	1799.9014	0.005	3	215	230	AYLPVNESFGFTADLR					Mascot
1977.974	1977.9717	-0.0023	-1	197	214	GHVFEESQVAGTPMFVVK			Oxidation (M)[14]		Mascot
1977.974	1977.9717	-0.0023	-1	197	214	GHVFEESQVAGTPMFVVK			Oxidation (M)[14]		Mascot
2233.1323	2233.0835	-0.0488	-22	77	96	KIWCFGPDGTGPNILTDITK			Carbamidomethyl (C)[4]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74216724	Mascot	41337.1	6.11	3	77	99.719	309703.66	99.99

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1799.8964	1799.9014	0.005	3	295	310	AYLPVNESFGFTADLR	64	99.99			Mascot
1799.8964	1799.9014	0.005	3	295	310	AYLPVNESFGFTADLR					Mascot
1977.974	1977.9717	-0.0023	-1	277	294	GHVFEESQVAGTPMFVVK			Oxidation (M)[14]		Mascot
1977.974	1977.9717	-0.0023	-1	277	294	GHVFEESQVAGTPMFVVK			Oxidation (M)[14]		Mascot
2233.1323	2233.0835	-0.0488	-22	157	176	KIWCFGPDGTGPNILTDIT			Carbamidomethyl (C)[4]		Mascot

						K						
4	unnamed protein product [Mus musculus]	gi|74187393	Mascot	47065.1	5.95	3	76	99.646	309703.66	99.99		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1799.8964	1799.9014	0.005	3	346	361	AYLPVNESFGFTADLR	64	99.99			Mascot
1799.8964	1799.9014	0.005	3	346	361	AYLPVNESFGFTADLR					Mascot
1977.974	1977.9717	-0.0023	-1	328	345	GHVFEESQVAGTPMFVV K			Oxidation (M)[14]		Mascot
1977.974	1977.9717	-0.0023	-1	328	345	GHVFEESQVAGTPMFVV K			Oxidation (M)[14]		Mascot
2233.1323	2233.0835	-0.0488	-22	208	227	KIWCFGPDGTGPNILTDIT K			Carbamidomethyl (C)[4]		Mascot

5	Eef2 protein [Mus musculus]	gi|38511951	Mascot	94464.4	6.42	4	75	99.533	309703.66	99.99		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1799.8964	1799.9014	0.005	3	771	786	AYLPVNESFGFTADLR	64	99.99			Mascot
1799.8964	1799.9014	0.005	3	771	786	AYLPVNESFGFTADLR					Mascot
1813.8896	1813.9153	0.0257	14	377	392	GPLMMYISKMVPTSDK			Oxidation (M)[4]		Mascot
1977.974	1977.9717	-0.0023	-1	753	770	GHVFEESQVAGTPMFVV K			Oxidation (M)[14]		Mascot
1977.974	1977.9717	-0.0023	-1	753	770	GHVFEESQVAGTPMFVV K			Oxidation (M)[14]		Mascot
2233.1323	2233.0835	-0.0488	-22	633	652	KIWCFGPDGTGPNILTDIT K			Carbamidomethyl (C)[4]		Mascot

Gel Idx/Pos	74/C24	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74178253	Mascot	42079.9	5.78	5	131	100	616416.81	100

Protein Group

unnamed protein product [Mus musculus]	gi|74178273	42083.8	5.2899999618 5303

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5321	0.0051	5	196	205	GYSFTTTAER	12	0			Mascot
1132.527	1132.5321	0.0051	5	196	205	GYSFTTTAER					Mascot
1516.7028	1516.7017	-0.0011	-1	359	371	QEYDESGPSIVHR	71	99.998			Mascot
1516.7028	1516.7017	-0.0011	-1	359	371	QEYDESGPSIVHR					Mascot
1534.7968	1534.7261	-0.0707	-46	312	325	MQKEVTALAPSTMK					Mascot
1790.892	1790.8906	-0.0014	-1	238	253	SYELPDGQVITIGNER	26	37.22			Mascot
1790.892	1790.8906	-0.0014	-1	238	253	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0701	0.0052	2	291	311	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0701	0.0052	2	291	311	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74204414	Mascot	42200.9	5.37	5	131	100	616416.81	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5321	0.0051	5	197	206	GYSFTTTAER	12	0			Mascot
1132.527	1132.5321	0.0051	5	197	206	GYSFTTTAER					Mascot
1516.7028	1516.7017	-0.0011	-1	360	372	QEYDESGPSIVHR	71	99.998			Mascot
1516.7028	1516.7017	-0.0011	-1	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8906	-0.0014	-1	239	254	SYELPDGQVITIGNER	26	37.22			Mascot
1790.892	1790.8906	-0.0014	-1	239	254	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0701	0.0052	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0701	0.0052	2	292	312	DLYANTVLSGGTTMYPGI			Oxidation (M)[14]		Mascot

	2299.2405	2299.1802	-0.0603	-26	96	116	ADR VAPEEHPVLLTEATLNPK ANR									Mascot
3	actin, gamma, cytoplasmic 1 [Mus musculus]				gi|123298587		Mascot	32941.3	5.15	4	128	100	616416.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5321	0.0051	5	117	126	GYSFTTTAER	12	0			Mascot
1132.527	1132.5321	0.0051	5	117	126	GYSFTTTAER					Mascot
1516.7028	1516.7017	-0.0011	-1	280	292	QEYDESGPSIVHR	71	99.998			Mascot
1516.7028	1516.7017	-0.0011	-1	280	292	QEYDESGPSIVHR					Mascot
1790.892	1790.8906	-0.0014	-1	159	174	SYELPDGQVITIGNER	26	37.22			Mascot
1790.892	1790.8906	-0.0014	-1	159	174	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0701	0.0052	2	212	232	DLYANTVLSGGTTMYPGI ADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0701	0.0052	2	212	232	DLYANTVLSGGTTMYPGI ADR			Oxidation (M)[14]		Mascot

4	put. beta-actin (aa 27-375) [Mus musculus]				gi|49868		Mascot	39445.8	5.78	4	127	100	616416.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5321	0.0051	5	171	180	GYSFTTTAER	12	0			Mascot
1132.527	1132.5321	0.0051	5	171	180	GYSFTTTAER					Mascot
1516.7028	1516.7017	-0.0011	-1	334	346	QEYDESGPSIVHR	71	99.998			Mascot
1516.7028	1516.7017	-0.0011	-1	334	346	QEYDESGPSIVHR					Mascot
1790.892	1790.8906	-0.0014	-1	213	228	SYELPDGQVITIGNER	26	37.22			Mascot
1790.892	1790.8906	-0.0014	-1	213	228	SYELPDGQVITIGNER					Mascot
2231.0649	2231.0701	0.0052	2	266	286	DLYANTVLSGGTTMYPGI ADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0701	0.0052	2	266	286	DLYANTVLSGGTTMYPGI ADR			Oxidation (M)[14]		Mascot

5	gamma-actin [Mus musculus]				gi|809561		Mascot	41334.6	5.56	4	126	100	616416.81	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1132.527	1132.5321	0.0051	5	190	199	GYSFTTTAER	12	0			Mascot
1132.527	1132.5321	0.0051	5	190	199	GYSFTTTAER					Mascot

1516.7028	1516.7017	-0.0011	-1	353	365	QEYDESGPSIVHR	71	99.998		Mascot
1516.7028	1516.7017	-0.0011	-1	353	365	QEYDESGPSIVHR				Mascot
1790.892	1790.8906	-0.0014	-1	232	247	SYELPDGQVITIGNER	26	91.556		Mascot
1790.892	1790.8906	-0.0014	-1	232	247	SYELPDGQVITIGNER				Mascot
2231.0649	2231.0701	0.0052	2	285	305	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]	Mascot
2231.0649	2231.0701	0.0052	2	285	305	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]	Mascot

Gel Idx/Pos	76/D1	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	5

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG50066 [Mus musculus]	gi|148699007	Mascot	19549.1	7.79	4	29	0	289181.44	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.4887	856.5294	0.0407	48	41	48	VSDVALPR					Mascot
2239.2908	2239.1399	-0.1509	-67	90	110	VELESPKALVTPASTLTLLTR					Mascot
2239.2908	2239.1399	-0.1509	-67	90	110	VELESPKALVTPASTLTLLTR					Mascot
2261.1672	2261.115	-0.0522	-23	76	96	HSGQGEKPAAPFPRVELESPK					Mascot
2788.4043	2788.4619	0.0576	21	49	75	GSSPSLLALSVPAPTNMLSLSVCSMPR			Carbamidomethyl (C)[23], Oxidation (M)[17]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	PREDICTED: hypothetical protein [Mus musculus]	gi|82894010	Mascot	21812.4	9.15	4	28	0	289181.44	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.4887	856.5294	0.0407	48	62	69	VSDVALPR					Mascot
2239.2908	2239.1399	-0.1509	-67	111	131	VELESPKALVTPASTLTLLTR					Mascot
2239.2908	2239.1399	-0.1509	-67	111	131	VELESPKALVTPASTLTLLTR					Mascot
2261.1672	2261.115	-0.0522	-23	97	117	HSGQGEKPAAPFPRVELESPK					Mascot
2788.4043	2788.4619	0.0576	21	70	96	GSSPSLLALSVPAPTNMLSLSVCSMPR			Carbamidomethyl (C)[23], Oxidation (M)[17]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	T-cell receptor alpha chain precursor V-J region (TA72) - mouse (fragment)	gi|91420	Mascot	13460.7	6.1	3	27	0	289181.44	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2211.1655	2211.1055	-0.06	-27	55	74	VFSSTEINEGQGFTVLLNKK					Mascot
2248.1365	2248.1274	-0.0091	-4	1	19	NCVSRGEQVEQRPPHLSVR			Carbamidomethyl (C)[2]		Mascot
2839.2598	2839.292	0.0322	11	20	42	EGDSAVIICTYTDPNSYYFFWYK			Carbamidomethyl (C)[9]		Mascot

4	guanine nucleotide binding protein, alpha q polypeptide [Mus musculus]	gi|84662745	Mascot	42416.4	5.48	5	26	0	289181.44

Protein Group

G alpha q subunit	gi|193502	42411.4	5.5599999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1126.5562	1126.547	-0.0092	-8	248	256	MEESKALFR			Oxidation (M)[1]		Mascot
1940.9171	1940.9307	0.0136	7	323	338	IIYSHFTCATDTENIR			Carbamidomethyl (C)[8]		Mascot
2246.0222	2246.175	0.1528	68	283	300	IMYSHLVDYFPEYDGPQR			Oxidation (M)[2]		Mascot
2248.1616	2248.1274	-0.0342	-15	74	92	GFTKLVYQNIFTAMQAMIR			Oxidation (M)[14]		Mascot
2260.9917	2261.115	0.1233	55	1	19	MTLESIMACCLSEEAKEAR			Carbamidomethyl (C)[9,10], Oxidation (M)[1,7]		Mascot

5	IgH antibody heavy chain VDJ region [Mus musculus]	gi|2745927	Mascot	13526.5	8.01	3	26	0	289181.44

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.5002	-0.0048	-6	70	76	FIVSRSR					Mascot
2811.2905	2811.2927	0.0022	1	20	43	LSCATSGFTFSDFYMEWVRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.292	-0.0356	-13	77	100	DTSQSILYLQMNALEDTAIYYCAR			Carbamidomethyl (C)[22]		Mascot

Gel Idx/Pos	89/D2	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	NudC domain containing 2 [Mus musculus]	gi|133922575	Mascot	17819.8	4.99	5	135	100	455926.19	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.3944	835.3983	0.0039	5	2	8	SAPFEER					Mascot
879.5159	879.5264	0.0105	12	51	59	HVALAVGGR					Mascot
879.5159	879.5264	0.0105	12	51	59	HVALAVGGR					Mascot
1063.5055	1063.5004	-0.0051	-5	148	157	GGPDFSNLEK					Mascot
1275.6111	1275.6178	0.0067	5	40	50	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1275.6111	1275.6178	0.0067	5	40	50	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1932.8611	1932.8612	0.0001	0	130	147	ENPGFDFSGAEISGNYTK	99	100			Mascot
1932.8611	1932.8612	0.0001	0	130	147	ENPGFDFSGAEISGNYTK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|12846578	Mascot	17942.9	5.13	5	133	100	455926.19	100

Protein Group

unnamed protein product [Mus musculus]	gi|26327603	17789.8	5.1300001144 4092

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.3944	835.3983	0.0039	5	2	8	SAPFEER					Mascot
879.5159	879.5264	0.0105	12	51	59	HVALAVGGR					Mascot
879.5159	879.5264	0.0105	12	51	59	HVALAVGGR					Mascot
1063.5055	1063.5004	-0.0051	-5	148	157	GGPDFSNLEK					Mascot
1275.6111	1275.6178	0.0067	5	40	50	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1275.6111	1275.6178	0.0067	5	40	50	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1932.8611	1932.8612	0.0001	0	130	147	ENPGFDFSGAEISGNYTK	99	100			Mascot
1932.8611	1932.8612	0.0001	0	130	147	ENPGFDFSGAEISGNYTK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|12835551	Mascot	17946.9	5.13	4	124	100	455926.19	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.3944	835.3983	0.0039	5	2	8	SAPFEER					Mascot
879.5159	879.5264	0.0105	12	51	59	HVALAVGGR					Mascot
879.5159	879.5264	0.0105	12	51	59	HVALAVGGR					Mascot
1275.6111	1275.6178	0.0067	5	40	50	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1275.6111	1275.6178	0.0067	5	40	50	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1932.8611	1932.8612	0.0001	0	130	147	ENPGFDFSGAEISGNYTK	99	100			Mascot
1932.8611	1932.8612	0.0001	0	130	147	ENPGFDFSGAEISGNYTK					Mascot

4	Chain A, Crystal Structure Of Nudc Domain-Containing Protein 2 (13542905) From Mus Musculus At 1.95 A Resolution	gi|158430845	Mascot	17637.6	4.86	3	118	100	455926.19	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
879.5159	879.5264	0.0105	12	48	56	HVALAVGGR					Mascot
879.5159	879.5264	0.0105	12	48	56	HVALAVGGR					Mascot
1275.6111	1275.6178	0.0067	5	37	47	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1275.6111	1275.6178	0.0067	5	37	47	AQDIQCGLQSR			Carbamidomethyl (C)[6]		Mascot
1932.8611	1932.8612	0.0001	0	127	144	ENPGFDFSGAEISGNYTK	99	100			Mascot
1932.8611	1932.8612	0.0001	0	127	144	ENPGFDFSGAEISGNYTK					Mascot

5	eukaryotic translation initiation factor 5A, isoform CRA_a [Mus musculus]	gi|148680528	Mascot	12466.3	5.12	4	30	0	455926.19		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
835.4533	835.3983	-0.055	-66	6	13	TGKHGHAK					Mascot
1298.7468	1298.7408	-0.006	-5	14	25	VHLVGIDIFTGK					Mascot
1298.7468	1298.7408	-0.006	-5	14	25	VHLVGIDIFTGK					Mascot
1341.7009	1341.7001	-0.0008	-1	68	79	EDLRLPEGDLGK					Mascot
2177.0002	2177.0081	0.0079	4	26	43	KYEDICPSTHNMDVPNIK			Carbamidomethyl (C)[6], Oxidation (M)[12]		Mascot

Gel Idx/Pos	77/D3	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26344461	Mascot	22990.7	5.2	8	346	100	1449226.88	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
949.5465	949.5518	0.0053	6	47	54	YKEALLGR					Mascot
980.4948	980.5007	0.0059	6	124	130	YIQHTYR	51	99.672			Mascot
980.4948	980.5007	0.0059	6	124	130	YIQHTYR					Mascot
1245.5569	1245.5604	0.0035	3	138	148	TDYMVGSYGPR					Mascot
1261.5519	1261.5491	-0.0028	-2	138	148	TDYMVGSYGPR	28	36.336	Oxidation (M)[4]		Mascot
1261.5519	1261.5491	-0.0028	-2	138	148	TDYMVGSYGPR			Oxidation (M)[4]		Mascot
1601.7628	1601.766	0.0032	2	135	148	IDKTDYMVGSYGPR					Mascot
1617.7578	1617.7551	-0.0027	-2	135	148	IDKTDYMVGSYGPR	55	99.886	Oxidation (M)[7]		Mascot
1617.7578	1617.7551	-0.0027	-2	135	148	IDKTDYMVGSYGPR			Oxidation (M)[7]		Mascot
1650.9174	1650.9159	-0.0015	-1	55	70	VAVSADPNVPNVIVTR	91	100			Mascot
1650.9174	1650.9159	-0.0015	-1	55	70	VAVSADPNVPNVIVTR					Mascot
1799.8044	1799.8008	-0.0036	-2	149	163	AEEYEFLTPMEEAPK	14	0	Oxidation (M)[10]		Mascot
1799.8044	1799.8008	-0.0036	-2	149	163	AEEYEFLTPMEEAPK			Oxidation (M)[10]		Mascot
1917.9399	1917.9425	0.0026	1	30	45	SIQEIQELDKDDESLR	43	98.121			Mascot
1917.9399	1917.9425	0.0026	1	30	45	SIQEIQELDKDDESLR					Mascot
2704.4114	2704.417	0.0056	2	71	95	LTLVCSTAPGPLELDLTG DLESFKK			Carbamidomethyl (C)[5]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Rho GDP dissociation inhibitor (GDI) alpha [Mus musculus]	gi|31982030	Mascot	23449.8	5.12	8	344	100	1449226.88	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
949.5465	949.5518	0.0053	6	51	58	YKEALLGR					Mascot
980.4948	980.5007	0.0059	6	128	134	YIQHTYR	51	99.672			Mascot
980.4948	980.5007	0.0059	6	128	134	YIQHTYR					Mascot
1245.5569	1245.5604	0.0035	3	142	152	TDYMVGSYGPR					Mascot

	1261.5519	1261.5491	-0.0028	-2	142	152	TDYMVGSYGPR		28	36.336	Oxidation (M)[4]					Mascot
	1261.5519	1261.5491	-0.0028	-2	142	152	TDYMVGSYGPR				Oxidation (M)[4]					Mascot
	1601.7628	1601.766	0.0032	2	139	152	IDKTDYMVGSYGPR									Mascot
	1617.7578	1617.7551	-0.0027	-2	139	152	IDKTDYMVGSYGPR		55	99.886	Oxidation (M)[7]					Mascot
	1617.7578	1617.7551	-0.0027	-2	139	152	IDKTDYMVGSYGPR				Oxidation (M)[7]					Mascot
	1650.9174	1650.9159	-0.0015	-1	59	74	VAVSADPNVPNVIVTR		91	100						Mascot
	1650.9174	1650.9159	-0.0015	-1	59	74	VAVSADPNVPNVIVTR									Mascot
	1799.8044	1799.8008	-0.0036	-2	153	167	AEEYEFLTPMEEAPK		14	0	Oxidation (M)[10]					Mascot
	1799.8044	1799.8008	-0.0036	-2	153	167	AEEYEFLTPMEEAPK				Oxidation (M)[10]					Mascot
	1917.9399	1917.9425	0.0026	1	34	49	SIQEIQELDKDDESLR		43	98.121						Mascot
	1917.9399	1917.9425	0.0026	1	34	49	SIQEIQELDKDDESLR									Mascot
	2704.4114	2704.417	0.0056	2	75	99	LTLVCSTAPGPLELDLTG DLESFKK				Carbamidomethyl (C)[5]					Mascot
3	Rho GDP dissociation inhibitor (GDI) alpha [Mus musculus]						gi|13435747	Mascot	23433.8	5.12	7	334	100	1449226.88	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
980.4948	980.5007	0.0059	6	128	134	YIQHTYR	51	99.672			Mascot
980.4948	980.5007	0.0059	6	128	134	YIQHTYR					Mascot
1245.5569	1245.5604	0.0035	3	142	152	TDYMVGSYGPR					Mascot
1261.5519	1261.5491	-0.0028	-2	142	152	TDYMVGSYGPR	28	36.336	Oxidation (M)[4]		Mascot
1261.5519	1261.5491	-0.0028	-2	142	152	TDYMVGSYGPR			Oxidation (M)[4]		Mascot
1601.7628	1601.766	0.0032	2	139	152	IDKTDYMVGSYGPR					Mascot
1617.7578	1617.7551	-0.0027	-2	139	152	IDKTDYMVGSYGPR	55	99.886	Oxidation (M)[7]		Mascot
1617.7578	1617.7551	-0.0027	-2	139	152	IDKTDYMVGSYGPR			Oxidation (M)[7]		Mascot
1650.9174	1650.9159	-0.0015	-1	59	74	VAVSADPNVPNVIVTR	91	100			Mascot
1650.9174	1650.9159	-0.0015	-1	59	74	VAVSADPNVPNVIVTR					Mascot
1799.8044	1799.8008	-0.0036	-2	153	167	AEEYEFLTPMEEAPK	14	0	Oxidation (M)[10]		Mascot
1799.8044	1799.8008	-0.0036	-2	153	167	AEEYEFLTPMEEAPK			Oxidation (M)[10]		Mascot
1917.9399	1917.9425	0.0026	1	34	49	SIQEIQELDKDDESLR	43	98.121			Mascot
1917.9399	1917.9425	0.0026	1	34	49	SIQEIQELDKDDESLR					Mascot
2704.4114	2704.417	0.0056	2	75	99	LTLVCSTAPGPLELDLTG DLESFKK			Carbamidomethyl (C)[5]		Mascot

4	Rho GDP dissociation inhibitor (GDI) alpha, isoform CRA_b [Mus musculus]						gi|148702821	Mascot	10251.1	4.34	3	158	100	1449226.88	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
949.5465	949.5518	0.0053	6	51	58	YKEALLGR					Mascot
1650.9174	1650.9159	-0.0015	-1	59	74	VAVSADPNVPNVIVTR	91	100			Mascot
1650.9174	1650.9159	-0.0015	-1	59	74	VAVSADPNVPNVIVTR					Mascot
1917.9399	1917.9425	0.0026	1	34	49	SIQEIQELDKDDESLR	43	98.121			Mascot
1917.9399	1917.9425	0.0026	1	34	49	SIQEIQELDKDDESLR					Mascot

5	Chain A, Crystal Structure Of The Regulatory Domain Of Epac2	gi|27574262	Mascot	53734.3	5.57	4	37	0	1449226.88	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
980.5312	980.5007	-0.0305	-31	215	221	YHLKTYR	16	0			Mascot
980.5312	980.5007	-0.0305	-31	215	221	YHLKTYR					Mascot
2384.1011	2384.116	0.0149	6	158	179	QYMAGLLAPPYGVMETG SNNDR					Mascot
2400.0959	2400.1091	0.0132	5	158	179	QYMAGLLAPPYGVMETG SNNDR			Oxidation (M)[3]		Mascot
2807.324	2807.3032	-0.0208	-7	1	27	GSPGIPMVAAHAAHSQS SAEWIACLDK			Carbamidomethyl (C)[24], Oxidation (M)[7]		Mascot
3606.8843	3606.7239	-0.1604	-44	355	387	ELAGVLIFESHAKGGTVL FNQGEEGTSWYIILK					Mascot

Gel Idx/Pos	90/D4	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	5

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	34	0	391156.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1316	0.0139	6	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1316	0.0139	6	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1675	0.0989	44	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1763	0.0264	11	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	F-box protein 28, isoform CRA_a [Mus musculus]	gi|148681161	Mascot	20030.6	10.04	4	32	0	391156.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
858.5043	858.5184	0.0141	16	127	133	LAELERK					Mascot
2239.0144	2239.1316	0.1172	52	136	157	EVMESAVGTSSGSGQSEESPRK					Mascot
2239.0144	2239.1316	0.1172	52	136	157	EVMESAVGTSSGSGQSEESPRK					Mascot
2255.0093	2255.0925	0.0832	37	136	157	EVMESAVGTSSGSGQSEESPRK			Oxidation (M)[3]		Mascot
2261.1079	2261.1255	0.0176	8	12	30	DISSMAMEYFDEKIVPILK			Oxidation (M)[5,7]		Mascot
2812.4485	2812.3181	-0.1304	-46	42	68	LMGSPPVPGPSAALTTMQLFSKQNPSR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74224754	Mascot	20924.1	8.86	4	26	0	391156.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1106.4935	1106.5402	0.0467	42	94	101	MKEDEPWR			Oxidation (M)[1]		Mascot
1941.015	1940.9297	-0.0853	-44	143	160	KGAVSSALYMAWLEALSK			Oxidation (M)[10]		Mascot
1941.015	1940.9297	-0.0853	-44	143	160	KGAVSSALYMAWLEALSK			Oxidation (M)[10]		Mascot
2225.1636	2225.1243	-0.0393	-18	47	65	FRIDFSDIMVLGDINTKPK			Oxidation (M)[9]		Mascot

	2255.2183	2255.0925	-0.1258	-56	161	180	DLPPVLLVRGNHQSVLTFYS								Mascot
4	Fbxo28 protein [Mus musculus]					gi|33585453	Mascot	31553.7	10.17	4	26	0	391156.25		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
858.5043	858.5184	0.0141	16	223	229	LAELERK					Mascot
2239.0144	2239.1316	0.1172	52	232	253	EVMESAVGTSSGSGQSEESPRK					Mascot
2239.0144	2239.1316	0.1172	52	232	253	EVMESAVGTSSGSGQSEESPRK					Mascot
2255.0093	2255.0925	0.0832	37	232	253	EVMESAVGTSSGSGQSEESPRK			Oxidation (M)[3]		Mascot
2261.1079	2261.1255	0.0176	8	108	126	DISSMAMEYFDEKIVPILK			Oxidation (M)[5,7]		Mascot
2812.4485	2812.3181	-0.1304	-46	138	164	LMGSPPVPGPSAALTTMQLFSKQNPSR					Mascot
5	Peci protein [Mus musculus]					gi|12805053	Mascot	39739	8.08	5	25	0	391156.25		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
858.5407	858.5184	-0.0223	-26	311	317	ISKELIR					Mascot
886.4628	886.4863	0.0235	27	20	27	KDPGNEVK					Mascot
1126.6401	1126.5638	-0.0763	-68	304	313	LPPNAMRISK					Mascot
2313.1189	2313.1926	0.0737	32	339	357	WLSEECMNAIMSFVSRKPK			Carbamidomethyl (C)[6]		Mascot
2812.3464	2812.3181	-0.0283	-10	274	297	EAWAQGLVTEVFPESTFETEVWTR					Mascot

Gel Idx/Pos	78/D5	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	8		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	271155.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1389	0.0212	9	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1389	0.0212	9	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1555	0.0869	39	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1775	0.0276	12	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74143782	Mascot	75674.7	6.57	6	27	0	271155.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4971	0.0244	28	550	556	FFSHKAK					Mascot
2211.2231	2211.1033	-0.1198	-54	410	429	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1389	0.0107	5	473	492	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1389	-0.0376	-17	362	380	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot
2246.1187	2246.2075	0.0888	40	181	199	ATEVEWILSLSEEENELVR					Mascot
3353.5632	3353.7358	0.1726	51	623	652	CESAGTSQVTTLPLPTLFGNNHMKMEVACK			Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	Ig kappa chain V region (clone 163.47) - mouse (fragment)	gi|284896	Mascot	11324.4	5.21	3	25	0	271155.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.473	842.5081	0.0351	42	54	61	LVDGVPSR					Mascot
864.5302	864.4971	-0.0331	-38	46	52	TLIYRAK					Mascot
2811.4136	2811.3213	-0.0923	-33	19	42	VTITCKASQDINNYLSWFQQIPGK			Carbamidomethyl (C)[5]		Mascot

4	unnamed protein product [Mus musculus]	gi|26325614	Mascot	57731.4	8.61	5	24	0	271155.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.5189	864.4971	-0.0218	-25	448	455	SAYLIAVK					Mascot
2211.2231	2211.1033	-0.1198	-54	98	117	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1389	0.0107	5	161	180	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1389	-0.0376	-17	50	68	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot
3353.5632	3353.7358	0.1726	51	311	340	CESAGTSQVTTLPLPTLFGNNHMKMEVACK			Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]		Mascot

5	Puf60 protein [Mus musculus]	gi|14714891	Mascot	54165.7	5.23	5	24	0	271155.69	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4843	842.5081	0.0238	28	468	475	AIQALNGR					Mascot
892.5138	892.5239	0.0101	11	436	442	VIIYQEK					Mascot
2233.1599	2233.0903	-0.0696	-31	436	454	VIIYQEKQGEEEDAEIIVK					Mascot
2811.4194	2811.3213	-0.0981	-35	1	26	MENGQSTGTKLGLPPLTPEQQEALQK			Oxidation (M)[1]		Mascot
3353.6294	3353.7358	0.1064	32	109	138	HKGFAFVEYEVPEAAQLALEQMNSVMLGGR			Oxidation (M)[22,26]		Mascot

Gel Idx/Pos	91/D6	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74141821	Mascot	50123.2	4.82	16	280	100	779027.12	100

Protein Group

tubulin, beta 5 [Mus musculus]	gi|7106439	50095.1	4.7800 002098 0835
unnamed protein product [Mus musculus]	gi|74204140	50072.1	4.75
unnamed protein product [Mus musculus]	gi|74223737	50108.1	4.7800 002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1028.5194	1028.5234	0.004	4	351	359	TAVCDIPPR			Carbamidomethyl (C)[4]		Mascot
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR	20	0			Mascot
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR	69	99.994			Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR	6	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6953	0.005	4	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6334	-0.0038	-3	47	58	ISVYYNEATGGK	57	99.908			Mascot
1301.6372	1301.6334	-0.0038	-3	47	58	ISVYYNEATGGK					Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot

	1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]				Mascot
	1462.6843	1462.6873	0.003	2	325	336	EVDEQMLNVQNK			Oxidation (M)[6]				Mascot
	1631.8309	1631.8267	-0.0042	-3	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]				Mascot
	1631.8309	1631.8267	-0.0042	-3	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]				Mascot
	1636.8304	1636.8275	-0.0029	-2	263	276	LHFFMPGFAPLTSR			Oxidation (M)[5]				Mascot
	1659.8953	1659.8776	-0.0177	-11	283	297	ALTVPELTQQVFDAK							Mascot
	1822.9229	1822.9242	0.0013	1	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]				Mascot
	1822.9229	1822.9242	0.0013	1	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]				Mascot
	1958.9818	1958.9685	-0.0133	-7	104	121	GHYTEGAELVDSVLDVVR							Mascot
2	tubulin, beta 5 [Mus musculus]				gi|148691289		Mascot	50366.3	4.78	16	279	100	779027.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1028.5194	1028.5234	0.004	4	354	362	TAVCDIPPR			Carbamidomethyl (C)[4]		Mascot
1039.5935	1039.5981	0.0046	4	313	321	YLTVAAVFR	20	0			Mascot
1039.5935	1039.5981	0.0046	4	313	321	YLTVAAVFR					Mascot
1077.5323	1077.5315	-0.0008	-1	158	165	IREEYPDR					Mascot
1077.5323	1077.5315	-0.0008	-1	158	165	IREEYPDR					Mascot
1097.4172	1097.4301	0.0129	12	301	309	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1097.4172	1097.4301	0.0129	12	301	309	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5988	0.0035	3	245	254	FPGQLNADLR	69	99.994			Mascot
1130.5953	1130.5988	0.0035	3	245	254	FPGQLNADLR					Mascot
1159.6293	1159.6254	-0.0039	-3	256	265	LAVNMVPFPR	6	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6254	-0.0039	-3	256	265	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6953	0.005	4	245	255	FPGQLNADLRK					Mascot
1287.7242	1287.7218	-0.0024	-2	255	265	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7218	-0.0024	-2	255	265	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6334	-0.0038	-3	50	61	ISVYYNEATGGK	57	99.908			Mascot
1301.6372	1301.6334	-0.0038	-3	50	61	ISVYYNEATGGK					Mascot
1335.6978	1335.6912	-0.0066	-5	166	177	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1335.6978	1335.6912	-0.0066	-5	166	177	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1462.6843	1462.6873	0.003	2	328	339	EVDEQMLNVQNK			Oxidation (M)[6]		Mascot
1631.8309	1631.8267	-0.0042	-3	66	80	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1631.8309	1631.8267	-0.0042	-3	66	80	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1636.8304	1636.8275	-0.0029	-2	266	279	LHFFMPGFAPLTSR			Oxidation (M)[5]		Mascot

	1659.8953	1659.8776	-0.0177	-11	286	300	ALTVPELTQQVFDAK								Mascot
	1822.9229	1822.9242	0.0013	1	6	22	EIVHIQAGQCGNQIGAK				Carbamidomethyl (C)[10]				Mascot
	1822.9229	1822.9242	0.0013	1	6	22	EIVHIQAGQCGNQIGAK				Carbamidomethyl (C)[10]				Mascot
	1958.9818	1958.9685	-0.0133	-7	107	124	GHYTEGAELVDSVLDVV R								Mascot
3	unnamed protein product [Mus musculus]				gi|12846758		Mascot	50064.1	4.78	15	266	100	779027.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1028.5194	1028.5234	0.004	4	351	359	TAVCDIPPR			Carbamidomethyl (C)[4]		Mascot
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR	20	0			Mascot
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR	69	99.994			Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR	6	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6953	0.005	4	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6334	-0.0038	-3	47	58	ISVYYNEATGGK	57	99.908			Mascot
1301.6372	1301.6334	-0.0038	-3	47	58	ISVYYNEATGGK					Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1462.6843	1462.6873	0.003	2	325	336	EVDEQMLNVQNK			Oxidation (M)[6]		Mascot
1631.8309	1631.8267	-0.0042	-3	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1631.8309	1631.8267	-0.0042	-3	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1636.8304	1636.8275	-0.0029	-2	263	276	LHFFMPGFAPLTSR			Oxidation (M)[5]		Mascot
1659.8953	1659.8776	-0.0177	-11	283	297	ALTVPELTQQVFDAK					Mascot
1958.9818	1958.9685	-0.0133	-7	104	121	GHYTEGAELVDSVLDVV R					Mascot
4	unnamed protein product [Mus musculus]				gi|74212109		Mascot	50076.1	4.75	13	244	100	779027.12	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR	20	0			Mascot
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR	69	99.994			Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR	6	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6953	0.005	4	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6334	-0.0038	-3	47	58	ISVYYNEATGGK	57	99.908			Mascot
1301.6372	1301.6334	-0.0038	-3	47	58	ISVYYNEATGGK					Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1462.6843	1462.6873	0.003	2	325	336	EVDEQMLNVQNK			Oxidation (M)[6]		Mascot
1631.8309	1631.8267	-0.0042	-3	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1631.8309	1631.8267	-0.0042	-3	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1659.8953	1659.8776	-0.0177	-11	283	297	ALTVPELTQQVFDAK					Mascot
1822.9229	1822.9242	0.0013	1	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]		Mascot
1822.9229	1822.9242	0.0013	1	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]		Mascot

5	mCG20287 [Mus musculus]			gi|148676266	Mascot	39855.3	5.14	15	222	100	779027.12	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR	20	0			Mascot
1039.5935	1039.5981	0.0046	4	310	318	YLTVAAVFR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1077.5323	1077.5315	-0.0008	-1	155	162	IREEYPDR					Mascot
1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot

1097.4172	1097.4301	0.0129	12	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]	Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR	69	100		Mascot
1130.5953	1130.5988	0.0035	3	242	251	FPGQLNADLR				Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR	6	0	Oxidation (M)[5]	Mascot
1159.6293	1159.6254	-0.0039	-3	253	262	LAVNMVPFPR			Oxidation (M)[5]	Mascot
1258.6903	1258.6953	0.005	4	242	252	FPGQLNADLRK				Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]	Mascot
1287.7242	1287.7218	-0.0024	-2	252	262	KLAVNMVPFPR			Oxidation (M)[6]	Mascot
1328.6481	1328.646	-0.0021	-2	47	58	INVYYNEATGGK				Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]	Mascot
1335.6978	1335.6912	-0.0066	-5	163	174	IMNTFSVVPSPK			Oxidation (M)[2]	Mascot
1462.6843	1462.6873	0.003	2	325	336	EVDEQMLNVQNK			Oxidation (M)[6]	Mascot
1617.8153	1617.8153	0	0	63	77	AVLVDLEPGTMDSVR			Oxidation (M)[11]	Mascot
1636.8304	1636.8275	-0.0029	-2	263	276	LHFFMPGFAPLTSR			Oxidation (M)[5]	Mascot
1707.8622	1707.853	-0.0092	-5	283	297	ALTVPELTQQMFDAK			Oxidation (M)[11]	Mascot
1822.9229	1822.9242	0.0013	1	3	19	EIVHLQAGQCGNQIGAK			Carbamidomethyl (C)[10]	Mascot
1822.9229	1822.9242	0.0013	1	3	19	EIVHLQAGQCGNQIGAK			Carbamidomethyl (C)[10]	Mascot
1958.9818	1958.9685	-0.0133	-7	104	121	GHYTEGAELVDSVLDVV R				Mascot

Gel Idx/Pos	79/D7	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26348535	Mascot	14424.2	5.86	4	34	0	420568.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1446.7522	1446.6924	-0.0598	-41	52	64	EPLEMARPPGPPR					Mascot
1963.0284	1962.9073	-0.1211	-62	11	29	SPPYEGKVGSGLLADFLGR					Mascot
2233.0483	2233.0942	0.0459	21	118	138	SGFLGPMAEPHPEDTFTVTSL					Mascot
2261.1594	2261.1292	-0.0302	-13	30	51	TEAVCLSAPHLASPPATPKADK			Carbamidomethyl (C)[5]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	PREDICTED: hypothetical protein [Mus musculus]	gi|94401775	Mascot	14887.8	11.25	4	33	0	420568.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
892.4635	892.5219	0.0584	65	101	107	ETSPRFR					Mascot
1067.5957	1067.5377	-0.058	-54	47	57	GGLAQPKPSGR					Mascot
2221.0779	2221.1216	0.0437	20	27	46	MAISRDATLQLTGNYSHGNR			Oxidation (M)[1]		Mascot
2695.366	2695.3181	-0.0479	-18	32	57	DATLQLTGNYSHGNRGGLAQPKPSGR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74143782	Mascot	75674.7	6.57	7	32	0	420568.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4952	0.0225	26	550	556	FFSHKAK					Mascot
1474.7797	1474.6951	-0.0846	-57	257	268	QLLFSAKMMFVK			Oxidation (M)[8,9]		Mascot
2211.2231	2211.1086	-0.1145	-52	410	429	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1458	0.0176	8	473	492	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1458	-0.0307	-14	362	380	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot
2246.1187	2246.2007	0.082	37	181	199	ATEVEWILSLSEEENELVR					Mascot

	3353.5632	3353.7888	0.2256	67	623	652	CESAGTSQVTTLPLPTLFGNNHMKMEVACK					Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]			Mascot
4	unnamed protein product [Mus musculus]				gi|74142661		Mascot	35974.1	7.66	5	29	0	420568.25		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
892.5139	892.5219	0.008	9	116	123	VVIVYGDK					Mascot
1067.519	1067.5377	0.0187	18	219	227	NCPTTTVFK			Carbamidomethyl (C)[2]		Mascot
2299.2849	2299.1633	-0.1216	-53	116	135	VVIVYGDKDSPIHFALIVWK					Mascot
2313.2305	2313.2092	-0.0213	-9	76	95	GEMQKHIVCLSVAIIIQTEK			Carbamidomethyl (C)[9], Oxidation (M)[3]		Mascot
2695.355	2695.3181	-0.0369	-14	101	123	EFHTHYNQIIMSSAKVVIVYGDK			Oxidation (M)[11]		Mascot

5	mCG128906 [Mus musculus]				gi|148694400		Mascot	25061.5	6.33	4	29	0	420568.25		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1446.7046	1446.6924	-0.0122	-8	1	13	MEFGKHEPGSSLK					Mascot
2211.1516	2211.1086	-0.043	-19	131	151	GADLKTSSHPEIPHGIAPQQK					Mascot
2695.1829	2695.3181	0.1352	50	15	37	NKNLEEGVTFEYSDHMTFSSESK			Oxidation (M)[16]		Mascot
2839.4348	2839.3123	-0.1225	-43	136	161	TSSHPEIPHGIAPQQKHGQTPTTHPR					Mascot

Gel Idx/Pos	92/D8	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	8

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	Tbca protein [Mus musculus]	gi|21706425	Mascot	12675.6	5.25	6	50	0	267270.34	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1066.4479	1066.4604	0.0125	12	61	68	MMIPDCQR			Carbamidomethyl (C)[6], Oxidation (M)[1]		Mascot
1073.5586	1073.5697	0.0111	10	52	60	QAEILQESR	7	0			Mascot
1073.5586	1073.5697	0.0111	10	52	60	QAEILQESR					Mascot
1082.4427	1082.4423	-0.0004	0	61	68	MMIPDCQR			Carbamidomethyl (C)[6], Oxidation (M)[1,2]		Mascot
1082.4427	1082.4423	-0.0004	0	61	68	MMIPDCQR			Carbamidomethyl (C)[6], Oxidation (M)[1,2]		Mascot
1201.6536	1201.6674	0.0138	11	51	60	KQAEILQESR					Mascot
1384.6414	1384.6503	0.0089	6	39	50	MKAEDGENYAIK			Oxidation (M)[1]		Mascot
1481.6754	1481.6921	0.0167	11	86	97	DLEEAEEYKEAR					Mascot
1481.6754	1481.6921	0.0167	11	86	97	DLEEAEEYKEAR					Mascot
2007.0393	2007.0355	-0.0038	-2	69	85	RLEAAYTDLQQILESEK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	tubulin cofactor a [Mus musculus]	gi|6678225	Mascot	12806.6	5.24	6	48	0	267270.34	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1066.4479	1066.4604	0.0125	12	62	69	MMIPDCQR			Carbamidomethyl (C)[6], Oxidation (M)[1]		Mascot
1073.5586	1073.5697	0.0111	10	53	61	QAEILQESR	7	0			Mascot
1073.5586	1073.5697	0.0111	10	53	61	QAEILQESR					Mascot
1082.4427	1082.4423	-0.0004	0	62	69	MMIPDCQR			Carbamidomethyl (C)[6], Oxidation (M)[1,2]		Mascot
1082.4427	1082.4423	-0.0004	0	62	69	MMIPDCQR			Carbamidomethyl (C)[6], Oxidation (M)[1,2]		Mascot
1201.6536	1201.6674	0.0138	11	52	61	KQAEILQESR					Mascot
1384.6414	1384.6503	0.0089	6	40	51	MKAEDGENYAIK			Oxidation (M)[1]		Mascot
1481.6754	1481.6921	0.0167	11	87	98	DLEEAEEYKEAR					Mascot
1481.6754	1481.6921	0.0167	11	87	98	DLEEAEEYKEAR					Mascot
2007.0393	2007.0355	-0.0038	-2	70	86	RLEAAYTDLQQILESEK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74217749	Mascot	11563.7	5.54	4	42	0	267270.34	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1007.5342	1007.5274	-0.0068	-7	19	26	QLFLPSMR			Oxidation (M)[7]		Mascot
1098.5579	1098.5592	0.0013	1	88	96	NSFYVALER					Mascot
1098.5579	1098.5592	0.0013	1	88	96	NSFYVALER					Mascot
1163.6354	1163.6333	-0.0021	-2	18	26	RQLFLPSMR			Oxidation (M)[8]		Mascot
1188.6736	1188.6843	0.0107	9	7	17	VLQPGTALFSR	10	0			Mascot
1188.6736	1188.6843	0.0107	9	7	17	VLQPGTALFSR					Mascot

4	RAB-interacting factor [Mus musculus]	gi|21704004	Mascot	14247.9	5.36	4	39	0	267270.34	0	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1007.5342	1007.5274	-0.0068	-7	42	49	QLFLPSMR			Oxidation (M)[7]		Mascot
1098.5579	1098.5592	0.0013	1	111	119	NSFYVALER					Mascot
1098.5579	1098.5592	0.0013	1	111	119	NSFYVALER					Mascot
1163.6354	1163.6333	-0.0021	-2	41	49	RQLFLPSMR			Oxidation (M)[8]		Mascot
1188.6736	1188.6843	0.0107	9	30	40	VLQPGTALFSR	10	0			Mascot
1188.6736	1188.6843	0.0107	9	30	40	VLQPGTALFSR					Mascot

5	unnamed protein product [Mus musculus]	gi|74143782	Mascot	75674.7	6.57	7	32	0	267270.34		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4911	0.0184	21	550	556	FFSHKAK					Mascot
1384.613	1384.6503	0.0373	27	114	125	CGRLVCGSCSTK			Carbamidomethyl (C)[1,6,9]		Mascot
2211.2231	2211.1052	-0.1179	-53	410	429	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1326	0.0044	2	473	492	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1326	-0.0439	-20	362	380	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot
2246.1187	2246.218	0.0993	44	181	199	ATEVEWILSLSEEENELVR					Mascot
3353.5632	3353.6716	0.1084	32	623	652	CESAGTSQVTTLPLPTLFGNNHMKMEVACK			Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]		Mascot

Gel Idx/Pos	80/D9	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	6

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	268069.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1333	0.0156	7	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1333	0.0156	7	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.156	0.0874	39	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1367	-0.0132	-6	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Ig kappa chain V region (clone 163.47) - mouse (fragment)	gi|284896	Mascot	11324.4	5.21	3	25	0	268069.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.473	842.5106	0.0376	45	54	61	LVDGVPSR					Mascot
864.5302	864.4976	-0.0326	-38	46	52	TLIYRAK					Mascot
2811.4136	2811.3206	-0.093	-33	19	42	VTITCKASQDINNYLSWFQQIPGK			Carbamidomethyl (C)[5]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	Cd302 protein [Mus musculus]	gi|13529578	Mascot	19190.3	4.42	3	22	0	268069.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2232.9756	2233.0842	0.1086	49	53	71	WADQDGEDLVDTCGFLYTK			Carbamidomethyl (C)[13]		Mascot
2247.0962	2247.156	0.0598	27	1	19	MVSIHNEEENAFILDTLQK			Oxidation (M)[1]		Mascot
2313.0737	2313.1777	0.104	45	78	98	GDCEISSVEGTLCKAAIPYDK			Carbamidomethyl (C)[3,13]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
4	plasminogen activator inhibitor-2 [Mus musculus]	gi|3243007	Mascot	4403.2	4.07	2	22	0	268069.25	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	1106.5365	1106.5333	-0.0032	-3	30	38	WISKDTLDE								Mascot
	2239.2068	2239.1333	-0.0735	-33	1	20	LLLLPDEIEDASTGLELLER								Mascot
	2239.2068	2239.1333	-0.0735	-33	1	20	LLLLPDEIEDASTGLELLER								Mascot
5	unnamed protein product [Mus musculus]				gi|12854233		Mascot	12324.3	10.11	3	22	0	268069.25		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1314.7013	1314.7732	0.0719	55	94	105	AEGQTNKQTKPL					Mascot
1940.947	1940.9362	-0.0108	-6	1	16	MLGAEVLVCWRQGYSR			Carbamidomethyl (C)[9], Oxidation (M)[1]		Mascot
2247.1372	2247.156	0.0188	8	43	62	LGLGIPSVTAAWQRVEMCSR			Carbamidomethyl (C)[18], Oxidation (M)[17]		Mascot

Gel Idx/Pos	93/D10	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|12832737	Mascot	13022.7	5.76	4	221	100	457383.97	100

Protein Group

myotrophin [Mus musculus] gi|6679961 13023.7 5.2699999809 2651

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1465.7169	1465.7153	-0.0016	-1	12	24	NGDLDEVKDYVAK	42	97.886			Mascot
1465.7169	1465.7153	-0.0016	-1	12	24	NGDLDEVKDYVAK					Mascot
1713.8654	1713.8629	-0.0025	-1	98	114	GPDGLTALEATDNQAIK	141	100			Mascot
1713.8654	1713.8629	-0.0025	-1	98	114	GPDGLTALEATDNQAIK					Mascot
2147.1067	2147.1118	0.0051	2	67	85	HHITPLLSAVYEGHVSCVK			Carbamidomethyl (C)[17]		Mascot
2147.1067	2147.1118	0.0051	2	67	85	HHITPLLSAVYEGHVSCVK			Carbamidomethyl (C)[17]		Mascot
3028.531	3028.5557	0.0247	8	58	85	GADINAPDKHHITPLLSAVYEGHVSCVK			Carbamidomethyl (C)[26]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	RIKEN cDNA 2410091C18, isoform CRA_b [Mus musculus]	gi|148706528	Mascot	49613.3	6.54	7	32	0	457383.97	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5253	-0.0362	-42	373	379	LKVLLDR					Mascot
972.5084	972.4416	-0.0668	-69	21	28	AGLPCIWR			Carbamidomethyl (C)[5]		Mascot
1045.5823	1045.567	-0.0153	-15	366	374	NMGIDVRLK					Mascot
1439.6624	1439.595	-0.0674	-47	77	88	GYYVHQDMLGEK					Mascot
1448.6904	1448.7168	0.0264	18	239	251	EVFVDVDPQASDK					Mascot
1455.6573	1455.5721	-0.0852	-59	77	88	GYYVHQDMLGEK			Oxidation (M)[8]		Mascot
1735.8506	1735.8484	-0.0022	-1	387	401	QQLLGGYDMLMNPQK					Mascot
1735.8506	1735.8484	-0.0022	-1	387	401	QQLLGGYDMLMNPQK					Mascot
2225.0513	2225.1201	0.0688	31	387	405	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot

3	Atp5f1 protein [Mus musculus]	gi|29436609	Mascot	7812.2	9.69	3	31	0	457383.97	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1727.9836	1727.8744	-0.1092	-63	2	18	LSRVVLSAAATAAPCLK			Carbamidomethyl (C)[15]		Mascot
2233.1948	2233.0952	-0.0996	-45	19	40	NAAALGPGVLQATRAFH TGQPR					Mascot
2246.208	2246.1982	-0.0098	-4	33	53	AFHTGQPRLAPLPPLPEY GGK					Mascot

4	unnamed protein product [Mus musculus]	gi|12852664	Mascot	17994.5	9.94	4	29	0	457383.97	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
870.5268	870.5477	0.0209	24	2	10	AAGGRGLIR					Mascot
1727.9473	1727.8744	-0.0729	-42	131	146	LPRSLLLGTDMAANQK					Mascot
2225.123	2225.1201	-0.0029	-1	134	153	SLLLGTDMAANQKEISQF SR			Oxidation (M)[8]		Mascot
2233.2261	2233.0952	-0.1309	-59	87	105	ASYLLSLLRPQICTDLELK			Carbamidomethyl (C)[13]		Mascot

5	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	4	28	0	457383.97	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.5253	-0.0362	-42	27	33	LKVLLDR					Mascot
1045.5823	1045.567	-0.0153	-15	20	28	NMGIDVRLK					Mascot
1735.8506	1735.8484	-0.0022	-1	41	55	QQLLGGYDMLMNPQK					Mascot
1735.8506	1735.8484	-0.0022	-1	41	55	QQLLGGYDMLMNPQK					Mascot
2225.0513	2225.1201	0.0688	31	41	59	QQLLGGYDMLMNPQKM GER			Oxidation (M)[9]		Mascot

Gel Idx/Pos	81/D11	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	put. beta-actin (aa 27-375) [Mus musculus]	gi|49868	Mascot	39445.8	5.78	9	145	100	438649.56	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
945.5516	945.556	0.0044	5	3	11	AVFPSIVGR	38	92.468			Mascot
945.5516	945.556	0.0044	5	3	11	AVFPSIVGR					Mascot
998.4863	998.4416	-0.0447	-45	158	165	DLTDYLMK					Mascot
1014.4812	1014.5074	0.0262	26	158	165	DLTDYLMK			Oxidation (M)[7]		Mascot
1132.527	1132.5396	0.0126	11	171	180	GYSFTTTAER					Mascot
1132.527	1132.5396	0.0126	11	171	180	GYSFTTTAER					Mascot
1198.7056	1198.7156	0.01	8	1	11	PRAVFPSIVGR					Mascot
1198.7056	1198.7156	0.01	8	1	11	PRAVFPSIVGR					Mascot
1203.5609	1203.5657	0.0048	4	14	24	HQGVMVGMGQK			Oxidation (M)[5,8]		Mascot
1515.7491	1515.7596	0.0105	7	59	69	IWHHTFYNELR					Mascot
1790.892	1790.9031	0.0111	6	213	228	SYELPDGQVITIGNER	49	99.434			Mascot
1790.892	1790.9031	0.0111	6	213	228	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0693	0.0048	2	70	87	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0693	0.0048	2	70	87	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0728	0.0079	4	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0728	0.0079	4	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	gamma-actin [Mus musculus]	gi|809561	Mascot	41334.6	5.56	9	117	100	438649.56	99.905

Protein Group

unnamed protein product [Mus musculus]	gi|74187644	42052.9	5.2300000190 7349	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.4581	0.0098	10	12	21	AGFAGDDAPR	3	0			Mascot

976.4483	976.4581	0.0098	10	12	21	AGFAGDDAPR								Mascot
998.4863	998.4416	-0.0447	-45	177	184	DLTDYLMK								Mascot
1014.4812	1014.5074	0.0262	26	177	184	DLTDYLMK					Oxidation (M)[7]			Mascot
1132.527	1132.5396	0.0126	11	190	199	GYSFTTTAER								Mascot
1132.527	1132.5396	0.0126	11	190	199	GYSFTTTAER								Mascot
1198.7056	1198.7156	0.01	8	22	32	AVFPSIVGRPR			8	0				Mascot
1198.7056	1198.7156	0.01	8	22	32	AVFPSIVGRPR								Mascot
1203.5609	1203.5657	0.0048	4	33	43	HQGVMVGMGQK					Oxidation (M)[5,8]			Mascot
1515.7491	1515.7596	0.0105	7	78	88	IWHHTFYNELR								Mascot
1790.892	1790.9031	0.0111	6	232	247	SYELPDGQVITIGNER			49	99.434				Mascot
1790.892	1790.9031	0.0111	6	232	247	SYELPDGQVITIGNER								Mascot
1954.0645	1954.0693	0.0048	2	89	106	VAPEEHPVLLTEAPLNPK								Mascot
1954.0645	1954.0693	0.0048	2	89	106	VAPEEHPVLLTEAPLNPK								Mascot
2231.0649	2231.0728	0.0079	4	285	305	DLYANTVLSGGTTMYPGIADR					Oxidation (M)[14]			Mascot
2231.0649	2231.0728	0.0079	4	285	305	DLYANTVLSGGTTMYPGIADR					Oxidation (M)[14]			Mascot

3	actin, gamma 1 propeptide [Homo sapiens]	gi|4501887	Mascot	42107.9	5.31	9	116	100	438649.56	99.905

Protein Group

beta actin [Homo sapiens]	gi|4501885	42051.9	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74151948	42023.8	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74191566	42125.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74191564	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74213524	42065.9	5.3000001907 3486

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.4581	0.0098	10	19	28	AGFAGDDAPR	3	0			Mascot

	976.4483	976.4581	0.0098	10	19	28	AGFAGDDAPR								Mascot
	998.4863	998.4416	-0.0447	-45	184	191	DLTDYLMK								Mascot
	1014.4812	1014.5074	0.0262	26	184	191	DLTDYLMK				Oxidation (M)[7]				Mascot
	1132.527	1132.5396	0.0126	11	197	206	GYSFTTTAER								Mascot
	1132.527	1132.5396	0.0126	11	197	206	GYSFTTTAER								Mascot
	1198.7056	1198.7156	0.01	8	29	39	AVFPSIVGRPR			8	0				Mascot
	1198.7056	1198.7156	0.01	8	29	39	AVFPSIVGRPR								Mascot
	1203.5609	1203.5657	0.0048	4	40	50	HQGVMVGMGQK				Oxidation (M)[5,8]				Mascot
	1515.7491	1515.7596	0.0105	7	85	95	IWHHTFYNELR								Mascot
	1790.892	1790.9031	0.0111	6	239	254	SYELPDGQVITIGNER			49	99.434				Mascot
	1790.892	1790.9031	0.0111	6	239	254	SYELPDGQVITIGNER								Mascot
	1954.0645	1954.0693	0.0048	2	96	113	VAPEEHPVLLTEAPLNPK								Mascot
	1954.0645	1954.0693	0.0048	2	96	113	VAPEEHPVLLTEAPLNPK								Mascot
	2231.0649	2231.0728	0.0079	4	292	312	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]				Mascot
	2231.0649	2231.0728	0.0079	4	292	312	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]				Mascot
4	unnamed protein product [Mus musculus]				gi|74190672		Mascot	42079.9	5.37	9	114	100	438649.56	99.905	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.4581	0.0098	10	19	28	AGFAGDDAPR	3	0			Mascot
976.4483	976.4581	0.0098	10	19	28	AGFAGDDAPR					Mascot
998.4863	998.4416	-0.0447	-45	184	191	DLTDYLMK					Mascot
1014.4812	1014.5074	0.0262	26	184	191	DLTDYLMK			Oxidation (M)[7]		Mascot
1132.527	1132.5396	0.0126	11	197	206	GYSFTTTAER					Mascot
1132.527	1132.5396	0.0126	11	197	206	GYSFTTTAER					Mascot
1198.7056	1198.7156	0.01	8	29	39	AVFPSIVGRPR	8	0			Mascot
1198.7056	1198.7156	0.01	8	29	39	AVFPSIVGRPR					Mascot
1203.5609	1203.5657	0.0048	4	40	50	HQGVMVGMGQK			Oxidation (M)[5,8]		Mascot
1515.7491	1515.7596	0.0105	7	85	95	IWHHTFYNELR					Mascot
1790.892	1790.9031	0.0111	6	239	254	SYELPDGQVITIGNER	49	99.434			Mascot
1790.892	1790.9031	0.0111	6	239	254	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0693	0.0048	2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0693	0.0048	2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0728	0.0079	4	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot

	2231.0649	2231.0728	0.0079	4	292	312	DLYANTVLSGGTTMYPGI ADR				Oxidation (M)[14]					Mascot
5	unnamed protein product [Mus musculus]				gi|74195718		Mascot	42050.9	5.46	8	105	100	438649.56	99.905		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
976.4483	976.4581	0.0098	10	19	28	AGFAGDDAPR	3	0			Mascot
976.4483	976.4581	0.0098	10	19	28	AGFAGDDAPR					Mascot
998.4863	998.4416	-0.0447	-45	184	191	DLTDYLMK					Mascot
1014.4812	1014.5074	0.0262	26	184	191	DLTDYLMK			Oxidation (M)[7]		Mascot
1198.7056	1198.7156	0.01	8	29	39	AVFPSIVGRPR	8	0			Mascot
1198.7056	1198.7156	0.01	8	29	39	AVFPSIVGRPR					Mascot
1203.5609	1203.5657	0.0048	4	40	50	HQGVMVGMGQK			Oxidation (M)[5,8]		Mascot
1515.7491	1515.7596	0.0105	7	85	95	IWHHTFYNELR					Mascot
1790.892	1790.9031	0.0111	6	239	254	SYELPDGQVITIGNER	49	99.434			Mascot
1790.892	1790.9031	0.0111	6	239	254	SYELPDGQVITIGNER					Mascot
1954.0645	1954.0693	0.0048	2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.0693	0.0048	2	96	113	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0728	0.0079	4	292	312	DLYANTVLSGGTTMYPGI ADR			Oxidation (M)[14]		Mascot
2231.0649	2231.0728	0.0079	4	292	312	DLYANTVLSGGTTMYPGI ADR			Oxidation (M)[14]		Mascot

Gel Idx/Pos	94/D12	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	vimentin [Mus musculus]	gi|2078001	Mascot	51590.1	4.96	29	412	100	862756.19	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
906.468	906.468	0	0	103	109	FLEQQNK					Mascot
914.4578	914.4604	0.0026	3	9	16	SYVTTSTR					Mascot
925.4009	925.4097	0.0088	10	294	300	QESNEYR					Mascot
1023.5105	1023.4783	-0.0322	-31	254	262	QQYESVAAK					Mascot
1060.5634	1060.5524	-0.011	-10	382	390	KLLEGEESR					Mascot
1062.5248	1062.5306	0.0058	5	169	176	LQEEMLQR			Oxidation (M)[5]		Mascot
1076.5042	1076.5437	0.0395	37	156	164	DNLAEDIMR					Mascot
1081.5021	1081.5099	0.0078	7	294	301	QESNEYRR					Mascot
1088.5331	1088.554	0.0209	19	188	197	QDVDNASLAR					Mascot
1092.499	1092.5115	0.0125	11	156	164	DNLAEDIMR			Oxidation (M)[8]		Mascot
1093.5272	1093.5355	0.0083	8	275	284	FADLSEAANR	16	0			Mascot
1093.5272	1093.5355	0.0083	8	275	284	FADLSEAANR					Mascot
1115.5692	1115.5778	0.0086	8	85	93	VELQELNDR					Mascot
1115.5692	1115.5778	0.0086	8	85	93	VELQELNDR					Mascot
1121.5837	1121.5931	0.0094	8	362	370	EYQDLLNVK					Mascot
1169.714	1169.7155	0.0015	1	110	119	ILLAELEQLK					Mascot
1270.562	1270.5684	0.0064	5	126	135	LGDLYEEEMR			Oxidation (M)[9]		Mascot
1270.562	1270.5684	0.0064	5	126	135	LGDLYEEEMR			Oxidation (M)[9]		Mascot
1296.6067	1296.6185	0.0118	9	177	187	EEAESTLQSFR					Mascot
1296.6067	1296.6185	0.0118	9	177	187	EEAESTLQSFR					Mascot
1309.606	1309.6149	0.0089	7	263	272	NLQEAEEWYK					Mascot
1311.6614	1311.6488	-0.0126	-10	371	381	MALDIEIATYR			Oxidation (M)[1]		Mascot
1319.6624	1319.666	0.0036	3	167	176	EKLQEEMLQR			Oxidation (M)[7]		Mascot
1444.7068	1444.7175	0.0107	7	31	44	SLYSSSPGGAYVTR	70	99.996			Mascot
1444.7068	1444.7175	0.0107	7	31	44	SLYSSSPGGAYVTR					Mascot
1490.752	1490.749	-0.003	-2	302	314	QVQSLTCEVDALK			Carbamidomethyl (C)[7]		Mascot

1495.7864	1495.7936	0.0072	5	17	30	TYSLGSALRPSTSR		15	0					Mascot
1495.7864	1495.7936	0.0072	5	17	30	TYSLGSALRPSTSR								Mascot
1533.8523	1533.8563	0.004	3	204	216	VESLQEEIAFLKK								Mascot
1557.8999	1557.905	0.0051	3	391	404	ISLPLPTFSSLNLR		30	52.43					Mascot
1557.8999	1557.905	0.0051	3	391	404	ISLPLPTFSSLNLR								Mascot
1587.7972	1587.8075	0.0103	6	81	93	TNEKVELQELNDR								Mascot
1682.8596	1682.8644	0.0048	3	405	419	ETNLESLPLVDTHSK								Mascot
1704.8221	1704.8461	0.024	14	151	164	VEVERDNLAEDIMR				Oxidation (M)[13]				Mascot
1766.8048	1766.8073	0.0025	1	345	358	LQDEIQNMKEEMAR				Oxidation (M)[8,12]				Mascot
1836.7996	1836.8071	0.0075	4	431	446	DGQVINETSQHHDDLE								Mascot
2216.9766	2216.9788	0.0022	1	326	344	EMEENFALEAANYQDTIGR		12	0	Oxidation (M)[2]				Mascot
2216.9766	2216.9788	0.0022	1	326	344	EMEENFALEAANYQDTIGR				Oxidation (M)[2]				Mascot

2	vimentin [Mus musculus]	gi|55408	Mascot	53746.1	5.06	29	403	100	862756.19	100	

Protein Group

unnamed protein product [Mus musculus]	gi|55291	53654.1	5.0900001525 8789
vimentin [Mus musculus]	gi|31982755	53712.1	5.0599999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
906.468	906.468	0	0	123	129	FLEQQNK					Mascot
914.4578	914.4604	0.0026	3	29	36	SYVTTSTR					Mascot
925.4009	925.4097	0.0088	10	314	320	QESNEYR					Mascot
1023.5105	1023.4783	-0.0322	-31	274	282	QQYESVAAK					Mascot
1060.5634	1060.5524	-0.011	-10	402	410	KLLEGEESR					Mascot
1062.5248	1062.5306	0.0058	5	189	196	LQEEMLQR			Oxidation (M)[5]		Mascot
1076.5042	1076.5437	0.0395	37	176	184	DNLAEDIMR					Mascot
1081.5021	1081.5099	0.0078	7	314	321	QESNEYRR					Mascot
1088.5331	1088.554	0.0209	19	208	217	QDVDNASLAR					Mascot
1092.499	1092.5115	0.0125	11	176	184	DNLAEDIMR			Oxidation (M)[8]		Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR	16	0			Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR					Mascot

1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR								Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR								Mascot
1121.5837	1121.5931	0.0094	8	382	390	EYQDLLNVK								Mascot
1169.714	1169.7155	0.0015	1	130	139	ILLAELEQLK								Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]					Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]					Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR								Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR								Mascot
1309.606	1309.6149	0.0089	7	283	292	NLQEAEEWYK								Mascot
1311.6614	1311.6488	-0.0126	-10	391	401	MALDIEIATYR			Oxidation (M)[1]					Mascot
1319.6624	1319.666	0.0036	3	187	196	EKLQEEMLQR			Oxidation (M)[7]					Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR		70	99.996					Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR								Mascot
1490.752	1490.749	-0.003	-2	322	334	QVQSLTCEVDALK			Carbamidomethyl (C)[7]					Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR		15	0					Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR								Mascot
1533.8523	1533.8563	0.004	3	224	236	VESLQEEIAFLKK								Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR		30	52.43					Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR								Mascot
1587.7972	1587.8075	0.0103	6	101	113	TNEKVELQELNDR								Mascot
1682.8596	1682.8644	0.0048	3	425	439	ETNLESLPLVDTHSK								Mascot
1704.8221	1704.8461	0.024	14	171	184	VEVERDNLAEDIMR			Oxidation (M)[13]					Mascot
1766.8048	1766.8073	0.0025	1	365	378	LQDEIQNMKEEMAR			Oxidation (M)[8,12]					Mascot
1836.7996	1836.8071	0.0075	4	451	466	DGQVINETSQHHDDLE								Mascot
2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR		12	0	Oxidation (M)[2]				Mascot
2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR				Oxidation (M)[2]				Mascot

3	unnamed protein product [Mus musculus]	gi|74225487	Mascot	53698.1	5.06	28	390	100	862756.19	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
906.468	906.468	0	0	123	129	FLEQQNK					Mascot
914.4578	914.4604	0.0026	3	29	36	SYVTTSTR					Mascot
925.4009	925.4097	0.0088	10	314	320	QESNEYR					Mascot
1023.5105	1023.4783	-0.0322	-31	274	282	QQYESVAAK					Mascot

1060.5634	1060.5524	-0.011	-10	402	410	KLLEGEESR								Mascot
1062.5248	1062.5306	0.0058	5	189	196	LQEEMLQR			Oxidation (M)[5]					Mascot
1076.5042	1076.5437	0.0395	37	176	184	DNLAEDIMR								Mascot
1081.5021	1081.5099	0.0078	7	314	321	QESNEYRR								Mascot
1088.5331	1088.554	0.0209	19	208	217	QDVDNASLAR								Mascot
1092.499	1092.5115	0.0125	11	176	184	DNLAEDIMR			Oxidation (M)[8]					Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR	16	0						Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR								Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR								Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR								Mascot
1121.5837	1121.5931	0.0094	8	382	390	EYQDLLNVK								Mascot
1169.714	1169.7155	0.0015	1	130	139	ILLAELEQLK								Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]					Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]					Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR								Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR								Mascot
1309.606	1309.6149	0.0089	7	283	292	NLQEAEEWYK								Mascot
1311.6614	1311.6488	-0.0126	-10	391	401	MALDIEIATYR			Oxidation (M)[1]					Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR	70	99.996						Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR								Mascot
1490.752	1490.749	-0.003	-2	322	334	QVQSLTCEVDALK			Carbamidomethyl (C)[7]					Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR	15	0						Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR								Mascot
1533.8523	1533.8563	0.004	3	224	236	VESLQEEIAFLKK								Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR	30	52.43						Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR								Mascot
1587.7972	1587.8075	0.0103	6	101	113	TNEKVELQELNDR								Mascot
1682.8596	1682.8644	0.0048	3	425	439	ETNLESLPLVDTHSK								Mascot
1704.8221	1704.8461	0.024	14	171	184	VEVERDNLAEDIMR			Oxidation (M)[13]					Mascot
1766.8048	1766.8073	0.0025	1	365	378	LQDEIQNMKEEMAR			Oxidation (M)[8,12]					Mascot
1836.7996	1836.8071	0.0075	4	451	466	DGQVINETSQHHDDLE								Mascot
2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR	12	0	Oxidation (M)[2]					Mascot
2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR			Oxidation (M)[2]					Mascot
4	vimentin protein				gi|202368		Mascot	53698.1	5.06	28	388	100	862756.19	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
906.468	906.468	0	0	123	129	FLEQQNK					Mascot
914.4578	914.4604	0.0026	3	29	36	SYVTTSTR					Mascot
925.4009	925.4097	0.0088	10	314	320	QESNEYR					Mascot
1023.5105	1023.4783	-0.0322	-31	274	282	QQYESVAAK					Mascot
1060.5634	1060.5524	-0.011	-10	402	410	KLLEGEESR					Mascot
1062.5248	1062.5306	0.0058	5	189	196	LQEEMLQR			Oxidation (M)[5]		Mascot
1076.5042	1076.5437	0.0395	37	176	184	DNLAEDIMR					Mascot
1081.5021	1081.5099	0.0078	7	314	321	QESNEYRR					Mascot
1088.5331	1088.554	0.0209	19	208	217	QDVDNASLAR					Mascot
1092.499	1092.5115	0.0125	11	176	184	DNLAEDIMR			Oxidation (M)[8]		Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR	16	0			Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR					Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR					Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR					Mascot
1121.5837	1121.5931	0.0094	8	382	390	EYQDLLNVK					Mascot
1169.714	1169.7155	0.0015	1	130	139	ILLAELEQLK					Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]		Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]		Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR					Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR					Mascot
1309.606	1309.6149	0.0089	7	283	292	NLQEAEEWYK					Mascot
1311.6614	1311.6488	-0.0126	-10	391	401	MALDIEIATYR			Oxidation (M)[1]		Mascot
1319.6624	1319.666	0.0036	3	187	196	EKLQEEMLQR			Oxidation (M)[7]		Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR	70	99.996			Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR					Mascot
1490.752	1490.749	-0.003	-2	322	334	QVQSLTCEVDALK			Carbamidomethyl (C)[7]		Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR	15	0			Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR					Mascot
1533.8523	1533.8563	0.004	3	224	236	VESLQEEIAFLKK					Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR	30	52.43			Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR					Mascot
1587.7972	1587.8075	0.0103	6	101	113	TNEKVELQELNDR					Mascot

	1682.8596	1682.8644	0.0048	3	425	439	ETNLESLPLVDTHSK									Mascot
	1704.8221	1704.8461	0.024	14	171	184	VEVERDNLAEDIMR				Oxidation (M)[13]					Mascot
	1836.7996	1836.8071	0.0075	4	451	466	DGQVINETSQHHDDLE									Mascot
	2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR		12	0	Oxidation (M)[2]					Mascot
	2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR				Oxidation (M)[2]					Mascot
5	unnamed protein product [Mus musculus]				gi|74185445		Mascot	53582.1	5.13	27	375	100	862756.19	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
906.468	906.468	0	0	123	129	FLEQQNK					Mascot
914.4578	914.4604	0.0026	3	29	36	SYVTTSTR					Mascot
925.4009	925.4097	0.0088	10	314	320	QESNEYR					Mascot
1023.5105	1023.4783	-0.0322	-31	274	282	QQYESVAAK					Mascot
1060.5634	1060.5524	-0.011	-10	402	410	KLLEGEESR					Mascot
1062.5248	1062.5306	0.0058	5	189	196	LQEEMLQR			Oxidation (M)[5]		Mascot
1076.5042	1076.5437	0.0395	37	176	184	DNLAEDIMR					Mascot
1081.5021	1081.5099	0.0078	7	314	321	QESNEYRR					Mascot
1088.5331	1088.554	0.0209	19	208	217	QDVDNASLAR					Mascot
1092.499	1092.5115	0.0125	11	176	184	DNLAEDIMR			Oxidation (M)[8]		Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR	16	0			Mascot
1093.5272	1093.5355	0.0083	8	295	304	FADLSEAANR					Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR					Mascot
1115.5692	1115.5778	0.0086	8	105	113	VELQELNDR					Mascot
1121.5837	1121.5931	0.0094	8	382	390	EYQDLLNVK					Mascot
1169.714	1169.7155	0.0015	1	130	139	ILLAELEQLK					Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]		Mascot
1270.562	1270.5684	0.0064	5	146	155	LGDLYEEEMR			Oxidation (M)[9]		Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR					Mascot
1296.6067	1296.6185	0.0118	9	197	207	EEAESTLQSFR					Mascot
1309.606	1309.6149	0.0089	7	283	292	NLQEAEEWYK					Mascot
1311.6614	1311.6488	-0.0126	-10	391	401	MALDIEIATYR			Oxidation (M)[1]		Mascot
1319.6624	1319.666	0.0036	3	187	196	EKLQEEMLQR			Oxidation (M)[7]		Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR	70	99.996			Mascot
1444.7068	1444.7175	0.0107	7	51	64	SLYSSSPGGAYVTR					Mascot

1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR	15	0		Mascot
1495.7864	1495.7936	0.0072	5	37	50	TYSLGSALRPSTSR				Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR	30	93.789		Mascot
1557.8999	1557.905	0.0051	3	411	424	ISLPLPTFSSLNLR				Mascot
1587.7972	1587.8075	0.0103	6	101	113	TNEKVELQELNDR				Mascot
1682.8596	1682.8644	0.0048	3	425	439	ETNLESLPLVDTHSK				Mascot
1704.8221	1704.8461	0.024	14	171	184	VEVERDNLAEDIMR			Oxidation (M)[13]	Mascot
1766.8048	1766.8073	0.0025	1	365	378	LQDEIQNMKEEMAR			Oxidation (M)[8,12]	Mascot
1836.7996	1836.8071	0.0075	4	451	466	DGQVINETSQHHDDLE				Mascot
2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR	12	0	Oxidation (M)[2]	Mascot
2216.9766	2216.9788	0.0022	1	346	364	EMEENFALEAANYQDTIGR			Oxidation (M)[2]	Mascot

Gel Idx/Pos	82/D13	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	7		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	245203.7	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1328	0.0151	7	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1328	0.0151	7	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1509	0.0823	37	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1733	0.0234	10	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	IgH antibody heavy chain VDJ region [Mus musculus]	gi|2745927	Mascot	13526.5	8.01	3	26	0	245203.7	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4958	-0.0092	-11	70	76	FIVSRSR					Mascot
2811.2905	2811.3445	0.054	19	20	43	LSCATSGFTFSDFYMEWVRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.3354	0.0078	3	77	100	DTSQSILYLQMNALEDTAIYYCAR			Carbamidomethyl (C)[22]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	IgH antibody heavy chain VDJ region [Mus musculus]	gi|971253	Mascot	14386.9	6.43	3	25	0	245203.7	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4958	-0.0092	-11	74	80	FIVSRSR					Mascot
2811.2905	2811.3445	0.054	19	24	47	LSCATSGFTFSDFYMEWVRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.3354	0.0078	3	81	104	DTSQSILYLQMNALEDTAIYYCAR			Carbamidomethyl (C)[22]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
4	Ig kappa chain V region (clone 163.47) - mouse (fragment)	gi|284896	Mascot	11324.4	5.21	3	25	0	245203.7	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	842.473	842.5095	0.0365	43	54	61	LVDGVPSR								Mascot
	864.5302	864.4958	-0.0344	-40	46	52	TLIYRAK								Mascot
	2811.4136	2811.3445	-0.0691	-25	19	42	VTITCKASQDINNYLSWF QQIPGK				Carbamidomethyl (C)[5]				Mascot
5	unnamed protein product [Mus musculus]				gi|26348535		Mascot	14424.2	5.86	3	24	0	245203.7		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1446.7522	1446.6826	-0.0696	-48	52	64	EPLEMARPPGPPR					Mascot
2233.0483	2233.0867	0.0384	17	118	138	SGFLGPMAEPHPEDTFT VTSL					Mascot
2261.1594	2261.1118	-0.0476	-21	30	51	TEAVCLSAPHLASPPATP KADK			Carbamidomethyl (C)[5]		Mascot

Gel Idx/Pos	95/D14	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	10

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	programmed cell death 5 [Mus musculus]	gi|9790259	Mascot	14266.3	5.55	4	42	0	382258.41	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1045.516	1045.5642	0.0482	46	2	10	ADEELEALR					Mascot
1211.7358	1211.7227	-0.0131	-11	56	66	LSNLALVKPEK					Mascot
1323.6726	1323.6606	-0.012	-9	69	79	AVENYLIQMAR	21	0	Oxidation (M)[9]		Mascot
1323.6726	1323.6606	-0.012	-9	69	79	AVENYLIQMAR			Oxidation (M)[9]		Mascot
1414.7649	1414.7731	0.0082	6	41	53	NSILAQVLDQSAR					Mascot
1414.7649	1414.7731	0.0082	6	41	53	NSILAQVLDQSAR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	33	0	382258.41	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1309	0.0132	6	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1309	0.0132	6	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1736	0.105	47	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1787	0.0288	13	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|26325614	Mascot	57731.4	8.61	6	29	0	382258.41	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4913	0.0186	22	238	244	FFSHKAK					Mascot
901.5101	901.5037	-0.0064	-7	376	382	QLVEREK					Mascot
901.5101	901.5037	-0.0064	-7	376	382	QLVEREK					Mascot
2211.2231	2211.1084	-0.1147	-52	98	117	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1309	0.0027	1	161	180	ESPPEVFIEGIFQPSYKSGK					Mascot

	2239.1765	2239.1309	-0.0456	-20	50	68	FTRCLKPPLDLNQLSHGSR				Carbamidomethyl (C)[4]			Mascot
	3353.5632	3353.749	0.1858	55	311	340	CESAGTSQVTTLPLPTLFGNNHMKMEVACK				Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]			Mascot
4	mCG144564, isoform CRA_a [Mus musculus]				gi|148673897		Mascot	42366.5	5.31	7	28	0	382258.41	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
886.4992	886.4788	-0.0204	-23	259	265	NIILEER					Mascot
892.4886	892.5264	0.0378	42	202	208	FEEALRK					Mascot
1045.5637	1045.5642	0.0005	0	280	288	IDQNTVVTR					Mascot
1137.6011	1137.5306	-0.0705	-62	239	247	NQQIHLQEK					Mascot
1156.6208	1156.5831	-0.0377	-33	322	332	LQTGDPTSPIK					Mascot
1265.696	1265.6327	-0.0633	-50	239	248	NQQIHLQEKK					Mascot
1414.79	1414.7731	-0.0169	-12	36	47	EKELSIELANIR					Mascot
1414.79	1414.7731	-0.0169	-12	36	47	EKELSIELANIR					Mascot

5	unnamed protein product [Mus musculus]				gi|74196806		Mascot	49487.6	8.56	6	28	0	382258.41	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
816.4938	816.4612	-0.0326	-40	303	309	TVVKDVR					Mascot
901.5465	901.5037	-0.0428	-47	307	314	DVRLISAK					Mascot
901.5465	901.5037	-0.0428	-47	307	314	DVRLISAK					Mascot
1045.5133	1045.5642	0.0509	49	294	302	NQNPSSRSR					Mascot
1345.6608	1345.635	-0.0258	-19	158	170	FRDAAQAEGGPAR					Mascot
1414.7008	1414.7731	0.0723	51	9	22	RGPAPAAACYGPAR			Carbamidomethyl (C)[9]		Mascot
1414.7008	1414.7731	0.0723	51	9	22	RGPAPAAACYGPAR			Carbamidomethyl (C)[9]		Mascot
3353.927	3353.749	-0.178	-53	205	235	RPGPALVLYMVNLLDLPDALLPDLPKLVGPK			Oxidation (M)[10]		Mascot

Gel Idx/Pos	83/D15	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	2410091C18Rik protein [Mus musculus]	gi|124504320	Mascot	11062.6	9.36	5	39	0	1326497	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5615	856.53	-0.0315	-37	27	33	LKVLLDR					Mascot
1045.5823	1045.566	-0.0163	-16	20	28	NMGIDVRLK					Mascot
1439.7965	1439.8113	0.0148	10	2	15	AQGKVASLGPVEQR					Mascot
1439.7965	1439.8113	0.0148	10	2	15	AQGKVASLGPVEQR					Mascot
1901.9592	1901.8689	-0.0903	-47	56	70	MGERFHFFALLPHQR			Oxidation (M)[1]		Mascot
2225.0513	2225.1218	0.0705	32	41	59	QQLLGGYDMLMNPQKMGER			Oxidation (M)[9]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	hypothetical protein LOC624855 [Mus musculus]	gi|85702318	Mascot	11659.8	7.82	5	38	0	1326497	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
927.551	927.4957	-0.0553	-60	44	51	DIDKLVPK					Mascot
927.551	927.4957	-0.0553	-60	44	51	DIDKLVPK					Mascot
1211.6453	1211.6823	0.037	31	38	47	HVMLPKDIDK			Oxidation (M)[3]		Mascot
1419.6686	1419.6923	0.0237	17	52	62	THLMSESEWRK			Oxidation (M)[4]		Mascot
1567.645	1567.7512	0.1062	68	1	13	MPACCWELSGGQR	1	0	Carbamidomethyl (C)[4,5], Oxidation (M)[1]		Mascot
1567.645	1567.7512	0.1062	68	1	13	MPACCWELSGGQR			Carbamidomethyl (C)[4,5], Oxidation (M)[1]		Mascot
1576.7108	1576.7667	0.0559	35	2	14	PACCWELSGGQRR			Carbamidomethyl (C)[3,4]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	quaking type II	gi|1181700	Mascot	9933.2	12.13	4	37	0	1326497	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1453.7369	1453.8267	0.0898	62	1	12	MEQSPPARPWVR					Mascot
1481.7384	1481.8025	0.0641	43	81	95	EVGAAPERFGPAPPS					Mascot
1710.8857	1710.8188	-0.0669	-39	1	14	MEQSPPARPWVRTR					Mascot

	2211.0571	2211.1055	0.0484	22	42	64	GNLTGVPTAGDTCGVGAHANSVR				Carbamidomethyl (C)[13]				Mascot
4	mCG148067 [Mus musculus]					gi|148699060		Mascot	7307.8	9.88	4	35	0	1326497	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.5094	842.5089	-0.0005	-1	3	10	GSSPLLLR					Mascot
1357.7046	1357.6766	-0.028	-21	16	26	AMWAKTHVEIR			Oxidation (M)[2]		Mascot
1357.7046	1357.6766	-0.028	-21	16	26	AMWAKTHVEIR			Oxidation (M)[2]		Mascot
1537.7931	1537.8046	0.0115	7	43	56	AGIDVISVSFECLK			Carbamidomethyl (C)[12]		Mascot
1537.7931	1537.8046	0.0115	7	43	56	AGIDVISVSFECLK			Carbamidomethyl (C)[12]		Mascot
1673.8469	1673.7762	-0.0707	-42	28	42	QPGEVGFLFLPCGPR			Carbamidomethyl (C)[12]		Mascot

5	mCG57148, isoform CRA_c [Mus musculus]					gi|148688406		Mascot	8713.3	9.45	4	35	0	1326497	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
882.5043	882.5651	0.0608	69	49	56	LAHLTEAK					Mascot
1249.6648	1249.6221	-0.0427	-34	58	68	TAPRSPEHLNK					Mascot
1249.6648	1249.6221	-0.0427	-34	58	68	TAPRSPEHLNK					Mascot
1491.7122	1491.7491	0.0369	25	1	13	PPRDMGHGPQDIR			Oxidation (M)[5]		Mascot
2225.1245	2225.1218	-0.0027	-1	36	56	GSQPPHVHSAGCKLAHLTEAK			Carbamidomethyl (C)[12]		Mascot

Gel Idx/Pos	96/D16	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG7517, isoform CRA_b [Mus musculus]	gi|148671525	Mascot	9544.8	4.61	2	54	45.187	526452.56	97.021

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1096.5422	1096.5594	0.0172	16	34	42	FGVLFQDDR	40	97.021			Mascot
1096.5422	1096.5594	0.0172	16	34	42	FGVLFQDDR					Mascot
1435.7614	1435.7831	0.0217	15	43	55	CANLFEALVGTLK			Carbamidomethyl (C)[1]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	hypothetical protein LOC73112 [Mus musculus]	gi|153791468	Mascot	9109.8	5.52	2	54	41.266	526452.56	97.021

Protein Group

hypothetical protein LOC685045 [Rattus norvegicus]	gi|153791568	9081.8	5.5199999809 2651	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1096.5422	1096.5594	0.0172	16	30	38	FGVLFQDDR	40	97.021			Mascot
1096.5422	1096.5594	0.0172	16	30	38	FGVLFQDDR					Mascot
1435.7614	1435.7831	0.0217	15	39	51	CANLFEALVGTLK			Carbamidomethyl (C)[1]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	mCG7517, isoform CRA_a [Mus musculus]	gi|148671524	Mascot	10043.3	5.87	2	52	20.771	526452.56	97.021

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1096.5422	1096.5594	0.0172	16	39	47	FGVLFQDDR	40	97.021			Mascot
1096.5422	1096.5594	0.0172	16	39	47	FGVLFQDDR					Mascot
1435.7614	1435.7831	0.0217	15	48	60	CANLFEALVGTLK			Carbamidomethyl (C)[1]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
4	3110003A17Rik protein [Mus musculus]	gi|24980968	Mascot	11425	5.91	2	52	4.745	526452.56	97.021

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	1096.5422	1096.5594	0.0172	16	53	61	FGVLFQDDR		40	97.021						Mascot
	1096.5422	1096.5594	0.0172	16	53	61	FGVLFQDDR									Mascot
	1435.7614	1435.7831	0.0217	15	62	74	CANLFEALVGTLK				Carbamidomethyl (C)[1]					Mascot
5	mCG7517, isoform CRA_c [Mus musculus]				gi|148671526		Mascot	14818.8	9.1	2	51	0	526452.56	97.021		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1096.5422	1096.5594	0.0172	16	81	89	FGVLFQDDR	40	97.021			Mascot
1096.5422	1096.5594	0.0172	16	81	89	FGVLFQDDR					Mascot
1435.7614	1435.7831	0.0217	15	90	102	CANLFEALVGTLK			Carbamidomethyl (C)[1]		Mascot

Gel Idx/Pos	84/D17	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	9		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	putative c-Myc-responsive [Mus musculus]	gi|110625744	Mascot	19193.6	5.27	4	36	0	276031.28	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1251.6077	1251.6112	0.0035	3	20	30	GGREDQALYSR					Mascot
1515.6823	1515.6897	0.0074	5	55	68	GEEAAGGDQFIHER	7	0			Mascot
1515.6823	1515.6897	0.0074	5	55	68	GEEAAGGDQFIHER					Mascot
1578.8123	1578.8193	0.007	4	41	54	VLTEHVADAELEPR					Mascot
1578.8123	1578.8193	0.007	4	41	54	VLTEHVADAELEPR					Mascot
2287.1929	2287.1982	0.0053	2	75	96	QADVVVAEVTQPSLGVG YELGR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	c-Myc-responsive protein Rcl	gi|91771472	Mascot	19151.5	5	4	36	0	276031.28	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1251.6077	1251.6112	0.0035	3	20	30	GGREDQALYSR					Mascot
1515.6823	1515.6897	0.0074	5	55	68	GEEAAGGDQFIHER	7	0			Mascot
1515.6823	1515.6897	0.0074	5	55	68	GEEAAGGDQFIHER					Mascot
1578.8123	1578.8193	0.007	4	41	54	VLTEHVADAELEPR					Mascot
1578.8123	1578.8193	0.007	4	41	54	VLTEHVADAELEPR					Mascot
2287.1929	2287.1982	0.0053	2	75	96	QADVVVAEVTQPSLGVG YELGR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	ferritin heavy chain 1 [Mus musculus]	gi|6753912	Mascot	21224.3	5.53	4	35	0	276031.28	0

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1153.5961	1153.5997	0.0036	3	148	157	ELGDHVTNLR					Mascot
1345.6284	1345.6315	0.0031	2	55	64	YFLHQSHEER					Mascot
1345.6284	1345.6315	0.0031	2	55	64	YFLHQSHEER					Mascot
1529.7091	1529.7083	-0.0008	-1	11	23	QNYHQDAEAAINR	12	0			Mascot

	1529.7091	1529.7083	-0.0008	-1	11	23	QNYHQDAEAAINR								Mascot
	1661.7186	1661.7152	-0.0034	-2	159	173	MGAPEAGMAEYLFDK				Oxidation (M)[1,8]				Mascot
4	mCG57215 [Mus musculus]					gi|148692465		Mascot	7717.8	6.24	3	33	0	276031.28	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1355	0.0178	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1355	0.0178	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1538	0.0852	38	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1729	0.023	10	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

5	unnamed protein product [Mus musculus]					gi|74219885		Mascot	153837.8	5.57	12	30	0	276031.28	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4574	864.4911	0.0337	39	244	250	EEFGRVK					Mascot
1045.516	1045.5674	0.0514	49	1316	1325	DIGAKGLNEE					Mascot
1345.707	1345.6315	-0.0755	-56	668	679	AKLQTENGELSR					Mascot
1345.7257	1345.6315	-0.0942	-70	43	53	ENLNKLMTNLR					Mascot
1512.7588	1512.6738	-0.085	-56	1175	1186	NMEQTIKDLQHR					Mascot
1515.7802	1515.6897	-0.0905	-60	135	147	LLGSLDIDHNQYK					Mascot
1515.7802	1515.6897	-0.0905	-60	135	147	LLGSLDIDHNQYK					Mascot
1537.76	1537.6659	-0.0941	-61	1148	1161	AITDAAMMAEELKK			Oxidation (M)[7]		Mascot
1543.6758	1543.7155	0.0397	26	850	862	YEESQSELESSQK					Mascot
1551.7207	1551.6882	-0.0325	-21	451	463	LTQESIMDLENDK			Oxidation (M)[7]		Mascot
1661.7612	1661.7152	-0.046	-28	1271	1285	QAEEAEEQANTNLSK					Mascot
2239.1162	2239.1355	0.0193	9	612	630	SEFKLELDDVTSNMEQIIK					Mascot
2239.1162	2239.1355	0.0193	9	612	630	SEFKLELDDVTSNMEQIIK					Mascot
2299.0796	2299.1729	0.0933	41	275	294	NDLQLQVQAEQDNLADAEER					Mascot

Gel Idx/Pos	97/D18	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	10

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	PYD and CARD domain containing [Mus musculus]	gi|165377185	Mascot	21502.1	5.26	7	115	100	360825.94	99.983

Protein Group

unnamed protein product [Mus musculus]	gi|12858511	21503	5.0300002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.5458	842.5085	-0.0373	-44	27	33	LLTVQLR					Mascot
1096.5283	1096.5282	-0.0001	0	109	117	TGHFVDQHR	20	0			Mascot
1096.5283	1096.5282	-0.0001	0	109	117	TGHFVDQHR					Mascot
1519.7673	1519.7621	-0.0052	-3	42	55	GALLQMDAIDLTDK			Oxidation (M)[6]		Mascot
1589.7516	1589.7421	-0.0095	-6	181	193	EIHPYLVMDLEQS			Oxidation (M)[8]		Mascot
1720.8423	1720.8311	-0.0112	-7	75	89	DMGLQELAEQLQTTK			Oxidation (M)[2]		Mascot
1772.8773	1772.8798	0.0025	1	90	108	EESGAVAAAASVPAQSTAR	43	98.327			Mascot
1772.8773	1772.8798	0.0025	1	90	108	EESGAVAAAASVPAQSTAR					Mascot
2656.3577	2656.366	0.0083	3	124	148	VTEVDGVLDALHGSVLTEGQYQAVR					Mascot
2656.3577	2656.366	0.0083	3	124	148	VTEVDGVLDALHGSVLTEGQYQAVR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74142712	Mascot	26216.8	8.64	6	36	0	360825.94	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
892.4709	892.5187	0.0478	54	164	170	SWMALLR			Oxidation (M)[3]		Mascot
1004.5709	1004.5536	-0.0173	-17	163	170	KSWMALLR					Mascot
1589.7231	1589.7421	0.019	12	151	163	TWFFSASSEDERK					Mascot
1754.7882	1754.8718	0.0836	48	149	162	HRTWFFSASSEDER					Mascot
1754.7882	1754.8718	0.0836	48	149	162	HRTWFFSASSEDER					Mascot
1816.8461	1816.8435	-0.0026	-1	107	124	SSTSASPQGAFSLSGYNR					Mascot

	1940.9535	1940.931	-0.0225	-12	125	141	VMRAAEETTSNNVFPFK							Mascot

3	hypothetical protein LOC624866 [Mus musculus]	gi|166197694	Mascot	13886.8	6.9	5	32	0	360825.94		

Protein Group

unnamed protein product [Mus musculus]	gi|74210307	13828.8	7.6700000762 9395

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4495	864.4922	0.0427	49	39	45	AMEEKLK			Oxidation (M)[2]		Mascot
1096.465	1096.5282	0.0632	58	17	25	MSPEETVCK			Carbamidomethyl (C)[8], Oxidation (M)[1]		Mascot
1096.465	1096.5282	0.0632	58	17	25	MSPEETVCK			Carbamidomethyl (C)[8], Oxidation (M)[1]		Mascot
1162.5463	1162.476	-0.0703	-60	105	114	FGWHGGTCLK			Carbamidomethyl (C)[8]		Mascot
1816.8534	1816.8435	-0.0099	-5	46	60	AVQEEMKFYQGSVER			Oxidation (M)[6]		Mascot
2233.0669	2233.0999	0.033	15	26	43	YCGVSYLILHEFKAMEEK			Carbamidomethyl (C)[2], Oxidation (M)[15]		Mascot

4	mCG61676 [Mus musculus]	gi|148679119	Mascot	7209.6	7.85	3	32	0	360825.94		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1786.8579	1786.8954	0.0375	21	3	19	REAAENQAGGGHYTGLR					Mascot
1786.8579	1786.8954	0.0375	21	4	20	EAAENQAGGGHYTGLRR					Mascot
2299.187	2299.1777	-0.0093	-4	21	42	EGFPGWLVIGGALWPDLGATSR					Mascot

5	hairy and enhancer of split 6 (Drosophila), isoform CRA_d [Mus musculus]	gi|148708086	Mascot	14018.3	10.55	4	32	0	360825.94		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
856.5112	856.5214	0.0102	12	74	81	VQGALRGR					Mascot
1772.8782	1772.8798	0.0016	1	109	124	SCPRAKPSMPLSQLNS			Carbamidomethyl (C)[2]		Mascot
1772.8782	1772.8798	0.0016	1	109	124	SCPRAKPSMPLSQLNS			Carbamidomethyl (C)[2]		Mascot
1794.92	1794.8619	-0.0581	-32	89	105	LKQASASLLATSSACMR			Carbamidomethyl (C)[15]		Mascot
2225.25	2225.1213	-0.1287	-58	41	60	INESLQELRLLLAGTEVQAK					Mascot

Gel Idx/Pos	85/D19	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	9

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74222953	Mascot	21047.4	5.36	7	165	100	203243.08	100

Protein Group

	phosphatidylethanolamine binding protein 1 [Mus musculus]	gi|84794552		20988.4	5.1900000572 2046					

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
926.5094	926.5119	0.0025	3	149	155	FKVETFR	25	0			Mascot
926.5094	926.5119	0.0025	3	149	155	FKVETFR					Mascot
937.4989	937.4975	-0.0014	-1	180	187	LYEQLSGK					Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK	37	92.039			Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK					Mascot
1455.7202	1455.686	-0.0342	-23	83	93	EWHHFLVVNMK			Oxidation (M)[10]		Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR	28	28.886			Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR					Mascot
1688.9218	1688.9056	-0.0162	-10	63	77	LYTLVLTDPDAPSRK					Mascot
2530.217	2530.2405	0.0235	9	94	119	GNDISSGTVLSDYVGSGPPSGTGLHR	17	0			Mascot
2530.217	2530.2405	0.0235	9	94	119	GNDISSGTVLSDYVGSGPPSGTGLHR					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	mCG7191 [Mus musculus]	gi|148672882	Mascot	20958.5	6.08	6	155	100	203243.08	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
926.5094	926.5119	0.0025	3	149	155	FKVETFR	25	0			Mascot
926.5094	926.5119	0.0025	3	149	155	FKVETFR					Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK	37	92.039			Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK					Mascot
1455.7202	1455.686	-0.0342	-23	83	93	EWHHFLVVNMK			Oxidation (M)[10]		Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR	28	28.886			Mascot

	1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR								Mascot
	1688.9218	1688.9056	-0.0162	-10	63	77	LYTLVLTDPDAPSRK								Mascot
	2530.217	2530.2405	0.0235	9	94	119	GNDISSGTVLSDYVGSG PPSGTGLHR		17	0					Mascot
	2530.217	2530.2405	0.0235	9	94	119	GNDISSGTVLSDYVGSG PPSGTGLHR								Mascot
3	mCG13982 [Mus musculus]					gi|148709594		Mascot	20823.3	5.06	6	155	100	203243.08	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
926.5094	926.5119	0.0025	3	148	154	FKVETFR	25	0			Mascot
926.5094	926.5119	0.0025	3	148	154	FKVETFR					Mascot
937.4989	937.4975	-0.0014	-1	179	186	LYEQLSGK					Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK	37	92.039			Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK					Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR	28	28.886			Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR					Mascot
1688.9218	1688.9056	-0.0162	-10	63	77	LYTLVLTDPDAPSRK					Mascot
2530.217	2530.2405	0.0235	9	93	118	GNDISSGTVLSDYVGSG PPSGTGLHR	17	0			Mascot
2530.217	2530.2405	0.0235	9	93	118	GNDISSGTVLSDYVGSG PPSGTGLHR					Mascot

4	mCG7941, isoform CRA_b [Mus musculus]					gi|148687862		Mascot	20956.4	5.34	6	154	100	203243.08	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
926.5094	926.5119	0.0025	3	149	155	FKVETFR	25	0			Mascot
926.5094	926.5119	0.0025	3	149	155	FKVETFR					Mascot
937.4989	937.4975	-0.0014	-1	180	187	LYEQLSGK					Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK	37	92.039			Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK					Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR	28	28.886			Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR					Mascot
1688.9218	1688.9056	-0.0162	-10	63	77	LYTLVLTDPDAPSRK					Mascot
2530.217	2530.2405	0.0235	9	94	119	GNDISSGTVLSDYVGSG PPSGTGLHR	17	0			Mascot
2530.217	2530.2405	0.0235	9	94	119	GNDISSGTVLSDYVGSG PPSGTGLHR					Mascot

5	phosphatidylethanolamine binding protein	gi|1517864	Mascot	21018.4	5.19	6	134	100	203243.08	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
926.5094	926.5119	0.0025	3	149	155	FKVETFR	25	0			Mascot
926.5094	926.5119	0.0025	3	149	155	FKVETFR					Mascot
937.4989	937.4975	-0.0014	-1	180	187	LYEQLSGK					Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK	37	89.228			Mascot
1365.6897	1365.6771	-0.0126	-9	27	39	VDYAGVTVDELGK					Mascot
1455.7202	1455.686	-0.0342	-23	83	93	EWHHFLVVNMK			Oxidation (M)[10]		Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR	28	3.776			Mascot
1560.8268	1560.8119	-0.0149	-10	63	76	LYTLVLTDPDAPSR					Mascot
1688.9218	1688.9056	-0.0162	-10	63	77	LYTLVLTDPDAPSRK					Mascot

Gel Idx/Pos	98/D20	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|74141821	Mascot	50123.2	4.82	12	222	100	396357.19	100

Protein Group

tubulin, beta 5 [Mus musculus]	gi|148691289	50366.3	4.7800 002098 0835
tubulin, beta 5 [Mus musculus]	gi|7106439	50095.1	4.7800 002098 0835
unnamed protein product [Mus musculus]	gi|74223737	50108.1	4.7800 002098 0835

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1097.4172	1097.421	0.0038	3	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR	82	100			Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR	12	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK	33	71.863			Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK					Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK	15	0	Oxidation (M)[2]		Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1415.609	1415.6704	0.0614	43	298	309	NMMAACDPRHGR			Carbamidomethyl (C)[6]		Mascot
1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot

	1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]				Mascot
	1822.9229	1822.9196	-0.0033	-2	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]				Mascot
	1822.9229	1822.9196	-0.0033	-2	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]				Mascot
	1958.9818	1958.9783	-0.0035	-2	104	121	GHYTEGAELVDSVLDVV R							Mascot

2	unnamed protein product [Mus musculus]	gi|74204140	Mascot	50072.1	4.75	11	212	100	396357.19	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1097.4172	1097.421	0.0038	3	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR	82	100			Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR	12	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK	33	71.863			Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK					Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK	15	0	Oxidation (M)[2]		Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR			Oxidation (M)[11]		Mascot
1822.9229	1822.9196	-0.0033	-2	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]		Mascot
1822.9229	1822.9196	-0.0033	-2	3	19	EIVHIQAGQCGNQIGAK			Carbamidomethyl (C)[10]		Mascot
1958.9818	1958.9783	-0.0035	-2	104	121	GHYTEGAELVDSVLDVV R					Mascot

3	unnamed protein product [Mus musculus]	gi|74212109	Mascot	50076.1	4.75	11	211	100	396357.19	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot

1097.4172	1097.421	0.0038	3	298	306	NMMAACDPR				Carbamidomethyl (C)[6], Oxidation (M)[2,3]					Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR			82	100					Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR									Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR			12	0	Oxidation (M)[5]				Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR					Oxidation (M)[5]				Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK									Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK									Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR					Oxidation (M)[6]				Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR					Oxidation (M)[6]				Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK			33	71.863					Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK									Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK			15	0	Oxidation (M)[2]				Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK					Oxidation (M)[2]				Mascot
1415.609	1415.6704	0.0614	43	298	309	NMMAACDPRHGR					Carbamidomethyl (C)[6]				Mascot
1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR					Oxidation (M)[11]				Mascot
1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR					Oxidation (M)[11]				Mascot
1822.9229	1822.9196	-0.0033	-2	3	19	EIVHIQAGQCGNQIGAK					Carbamidomethyl (C)[10]				Mascot
1822.9229	1822.9196	-0.0033	-2	3	19	EIVHIQAGQCGNQIGAK					Carbamidomethyl (C)[10]				Mascot

4	unnamed protein product [Mus musculus]	gi|12846758	Mascot	50064.1	4.78	11	211	100	396357.19	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1097.4172	1097.421	0.0038	3	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR	82	100			Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR	12	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK	33	71.863			Mascot

	1301.6372	1301.6328	-0.0044	-3	47	58	ISVYYNEATGGK								Mascot
	1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK		15	0	Oxidation (M)[2]				Mascot
	1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK				Oxidation (M)[2]				Mascot
	1415.609	1415.6704	0.0614	43	298	309	NMMAACDPRHGR				Carbamidomethyl (C)[6]				Mascot
	1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR				Oxidation (M)[11]				Mascot
	1631.8309	1631.8212	-0.0097	-6	63	77	AILVDLEPGTMDSVR				Oxidation (M)[11]				Mascot
	1958.9818	1958.9783	-0.0035	-2	104	121	GHYTEGAELVDSVLDVV R								Mascot
5	mCG20287 [Mus musculus]					gi|148676266	Mascot	39855.3	5.14	11	187	100	396357.19	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1077.5323	1077.5319	-0.0004	0	155	162	IREEYPDR					Mascot
1097.4172	1097.421	0.0038	3	298	306	NMMAACDPR			Carbamidomethyl (C)[6], Oxidation (M)[2,3]		Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR	82	100			Mascot
1130.5953	1130.5972	0.0019	2	242	251	FPGQLNADLR					Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR	12	0	Oxidation (M)[5]		Mascot
1159.6293	1159.6216	-0.0077	-7	253	262	LAVNMVPFPR			Oxidation (M)[5]		Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1258.6903	1258.6917	0.0014	1	242	252	FPGQLNADLRK					Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1287.7242	1287.7155	-0.0087	-7	252	262	KLAVNMVPFPR			Oxidation (M)[6]		Mascot
1328.6481	1328.6448	-0.0033	-2	47	58	INVYYNEATGGK					Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK	15	0	Oxidation (M)[2]		Mascot
1335.6978	1335.6893	-0.0085	-6	163	174	IMNTFSVVPSPK			Oxidation (M)[2]		Mascot
1415.609	1415.6704	0.0614	43	298	309	NMMAACDPRHGR			Carbamidomethyl (C)[6]		Mascot
1822.9229	1822.9196	-0.0033	-2	3	19	EIVHLQAGQCGNQIGAK			Carbamidomethyl (C)[10]		Mascot
1822.9229	1822.9196	-0.0033	-2	3	19	EIVHLQAGQCGNQIGAK			Carbamidomethyl (C)[10]		Mascot
1958.9818	1958.9783	-0.0035	-2	104	121	GHYTEGAELVDSVLDVV R					Mascot

Gel Idx/Pos	86/D21	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**	
Process Status	Analysis Succeeded		
Spectra	11		

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	ribosomal protein S12 [Homo sapiens]	gi|14277700	Mascot	14904.6	6.81	7	218	100	737653.38	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK	49	99.441			Mascot
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK					Mascot
1061.5449	1061.5427	-0.0022	-2	85	93	LGEWVGLCK			Carbamidomethyl (C)[8]		Mascot
1066.6005	1066.6073	0.0068	6	24	33	TALIHDGLAR	21	0			Mascot
1066.6005	1066.6073	0.0068	6	24	33	TALIHDGLAR					Mascot
1106.5697	1106.5502	-0.0195	-18	103	112	VVGCSCVVVK			Carbamidomethyl (C)[4,6]		Mascot
1234.6647	1234.6655	0.0008	1	102	112	KVVGCSCVVVK			Carbamidomethyl (C)[5,7]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK	91	100	Carbamidomethyl (C)[6]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK			Carbamidomethyl (C)[6]		Mascot
2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK			Carbamidomethyl (C)[5,11], Oxidation (M)[15]		Mascot
2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK			Carbamidomethyl (C)[5,11], Oxidation (M)[15]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	PREDICTED: similar to 40S ribosomal protein S12 [Mus musculus]	gi|149250091	Mascot	14903.7	8.13	7	216	100	737653.38	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK	49	99.441			Mascot
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK					Mascot
1061.5449	1061.5427	-0.0022	-2	85	93	LGEWVGLCK			Carbamidomethyl (C)[8]		Mascot
1066.6005	1066.6073	0.0068	6	24	33	TALIHDGLAR	21	0			Mascot
1066.6005	1066.6073	0.0068	6	24	33	TALIHDGLAR					Mascot
1106.5697	1106.5502	-0.0195	-18	103	112	VVGCSCVVVK			Carbamidomethyl (C)[4,6]		Mascot
1234.6647	1234.6655	0.0008	1	102	112	KVVGCSCVVVK			Carbamidomethyl (C)[5,7]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK	91	100	Carbamidomethyl (C)[6]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK			Carbamidomethyl (C)[6]		Mascot

	2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK				Carbamidomethyl (C)[5,11], Oxidation (M)[15]					Mascot
	2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK				Carbamidomethyl (C)[5,11], Oxidation (M)[15]					Mascot

3	PREDICTED: similar to 40S ribosomal protein S12 [Mus musculus]	gi|51772387	Mascot	14936.6	6.81	6	185	100	737653.38	100	

Protein Group

PREDICTED: similar to 40S ribosomal protein S12 isoform 2 [Mus musculus]	gi|83003650	14950.6	6.8099999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK	49	99.441			Mascot
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK					Mascot
1061.5449	1061.5427	-0.0022	-2	85	93	LGEWVGLCK			Carbamidomethyl (C)[8]		Mascot
1106.5697	1106.5502	-0.0195	-18	103	112	VVGCSCVVVK			Carbamidomethyl (C)[4,6]		Mascot
1234.6647	1234.6655	0.0008	1	102	112	KVVGCSCVVVK			Carbamidomethyl (C)[5,7]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK	91	100	Carbamidomethyl (C)[6]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK			Carbamidomethyl (C)[6]		Mascot
2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK			Carbamidomethyl (C)[5,11], Oxidation (M)[15]		Mascot
2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK			Carbamidomethyl (C)[5,11], Oxidation (M)[15]		Mascot

4	PREDICTED: similar to 40S ribosomal protein S12 isoform 1 [Mus musculus]	gi|149272169	Mascot	14935.7	8.08	6	184	100	737653.38	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK	49	99.441			Mascot
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK					Mascot
1061.5449	1061.5427	-0.0022	-2	85	93	LGEWVGLCK			Carbamidomethyl (C)[8]		Mascot
1106.5697	1106.5502	-0.0195	-18	103	112	VVGCSCVVVK			Carbamidomethyl (C)[4,6]		Mascot
1234.6647	1234.6655	0.0008	1	102	112	KVVGCSCVVVK			Carbamidomethyl (C)[5,7]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK	91	100	Carbamidomethyl (C)[6]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK			Carbamidomethyl (C)[6]		Mascot
2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK			Carbamidomethyl (C)[5,11], Oxidation (M)[15]		Mascot
2150.9668	2150.9719	0.0051	2	46	63	QAHLCVLASNCDEPMYVK			Carbamidomethyl (C)[5,11], Oxidation (M)[15]		Mascot

5	PREDICTED: similar to 40S ribosomal protein S12 [Mus musculus]	gi|51768484	Mascot	14861.5	5.81	5	176	100	737653.38	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK	49	99.441			Mascot
1042.5092	1042.5115	0.0023	2	122	129	DVIEEYFK					Mascot
1061.5449	1061.5427	-0.0022	-2	85	93	LGEWVGLCK			Carbamidomethyl (C)[8]		Mascot
1106.5697	1106.5502	-0.0195	-18	103	112	VVGCSCVVVK			Carbamidomethyl (C)[4,6]		Mascot
1234.6647	1234.6655	0.0008	1	102	112	KVVGCSCVVVK			Carbamidomethyl (C)[5,7]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK	91	100	Carbamidomethyl (C)[6]		Mascot
1750.952	1750.9551	0.0031	2	64	78	LVEALCAEHQINLIK			Carbamidomethyl (C)[6]		Mascot

Gel Idx/Pos	99/D22	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	put. beta-actin (aa 27-375) [Mus musculus]	gi|49868	Mascot	39445.8	5.78	12	295	100	379222.44	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5684	0.0012	1	303	310	IIAPPERK					Mascot
1014.4812	1014.4854	0.0042	4	158	165	DLTDYLMK			Oxidation (M)[7]		Mascot
1132.527	1132.5231	-0.0039	-3	171	180	GYSFTTTAER	38	93.435			Mascot
1132.527	1132.5231	-0.0039	-3	171	180	GYSFTTTAER					Mascot
1354.6234	1354.6188	-0.0046	-3	25	36	DSYVGDEAQSKR					Mascot
1515.7491	1515.7318	-0.0173	-11	59	69	IWHHTFYNELR					Mascot
1516.7028	1516.6998	-0.003	-2	334	346	QEYDESGPSIVHR	91	100			Mascot
1516.7028	1516.6998	-0.003	-2	334	346	QEYDESGPSIVHR					Mascot
1790.892	1790.8848	-0.0072	-4	213	228	SYELPDGQVITIGNER	75	99.999			Mascot
1790.892	1790.8848	-0.0072	-4	213	228	SYELPDGQVITIGNER					Mascot
1954.0645	1954.056	-0.0085	-4	70	87	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.056	-0.0085	-4	70	87	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0691	0.0042	2	266	286	DLYANTVLSGGTTMYPGIADR	0	0	Oxidation (M)[14]		Mascot
2231.0649	2231.0691	0.0042	2	266	286	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2359.1599	2359.1738	0.0139	6	265	286	KDLYANTVLSGGTTMYPGIADR			Oxidation (M)[15]		Mascot
2566.1687	2566.1799	0.0112	4	190	212	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3467	-0.0805	-29	310	333	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot
2	A-X actin	gi|309090	Mascot	42008.8	5.21	12	292	100	379222.44	100

Protein Group

gamma-actin [Mus musculus]	gi|809561	41334.6	5.5599999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type

	923.5672	923.5684	0.0012	1	329	336	IIAPPERK								Mascot
	1014.4812	1014.4854	0.0042	4	184	191	DLTDYLMK				Oxidation (M)[7]				Mascot
	1132.527	1132.5231	-0.0039	-3	197	206	GYSFTTTAER		38	93.435					Mascot
	1132.527	1132.5231	-0.0039	-3	197	206	GYSFTTTAER								Mascot
	1354.6234	1354.6188	-0.0046	-3	51	62	DSYVGDEAQSKR								Mascot
	1515.7491	1515.7318	-0.0173	-11	85	95	IWHHTFYNELR								Mascot
	1516.7028	1516.6998	-0.003	-2	360	372	QEYDESGPSIVHR		91	100					Mascot
	1516.7028	1516.6998	-0.003	-2	360	372	QEYDESGPSIVHR								Mascot
	1790.892	1790.8848	-0.0072	-4	239	254	SYELPDGQVITIGNER		75	99.999					Mascot
	1790.892	1790.8848	-0.0072	-4	239	254	SYELPDGQVITIGNER								Mascot
	1954.0645	1954.056	-0.0085	-4	96	113	VAPEEHPVLLTEAPLNPK								Mascot
	1954.0645	1954.056	-0.0085	-4	96	113	VAPEEHPVLLTEAPLNPK								Mascot
	2231.0649	2231.0691	0.0042	2	292	312	DLYANTVLSGGTTMYPGIADR		0	0	Oxidation (M)[14]				Mascot
	2231.0649	2231.0691	0.0042	2	292	312	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]				Mascot
	2359.1599	2359.1738	0.0139	6	291	312	KDLYANTVLSGGTTMYPGIADR				Oxidation (M)[15]				Mascot
	2566.1687	2566.1799	0.0112	4	216	238	LCYVALDFEQEMATAASSSSLEK				Carbamidomethyl (C)[2], Oxidation (M)[12]				Mascot
	2746.4272	2746.3467	-0.0805	-29	336	359	KYSVWIGGSILASLSTFQQMWISK				Oxidation (M)[20]				Mascot

3	unnamed protein product [Mus musculus]	gi|74214757	Mascot	42115	5.9	12	291	100	379222.44	100

Protein Group

actin, gamma 1 propeptide [Homo sapiens]	gi|4501887	42107.9	5.3099999427 7954
beta actin [Homo sapiens]	gi|4501885	42051.9	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74151709	42046	6.0300002098 0835
unnamed protein product [Mus musculus]	gi|74151948	42023.8	5.2899999618 5303
unnamed protein product [Mus musculus]	gi|74191564	42065.9	5.3000001907 3486
unnamed protein product [Mus musculus]	gi|74213524	42065.9	5.3000

												0019073486		
	unnamed protein product [Mus musculus]			gi|74207178			42087					5.90000009536743		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5684	0.0012	1	328	335	IIAPPERK					Mascot
1014.4812	1014.4854	0.0042	4	183	190	DLTDYLMK			Oxidation (M)[7]		Mascot
1132.527	1132.5231	-0.0039	-3	196	205	GYSFTTTAER	38	93.435			Mascot
1132.527	1132.5231	-0.0039	-3	196	205	GYSFTTTAER					Mascot
1354.6234	1354.6188	-0.0046	-3	50	61	DSYVGDEAQSKR					Mascot
1515.7491	1515.7318	-0.0173	-11	84	94	IWHHTFYNELR					Mascot
1516.7028	1516.6998	-0.003	-2	359	371	QEYDESGPSIVHR	91	100			Mascot
1516.7028	1516.6998	-0.003	-2	359	371	QEYDESGPSIVHR					Mascot
1790.892	1790.8848	-0.0072	-4	238	253	SYELPDGQVITIGNER	75	99.999			Mascot
1790.892	1790.8848	-0.0072	-4	238	253	SYELPDGQVITIGNER					Mascot
1954.0645	1954.056	-0.0085	-4	95	112	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.056	-0.0085	-4	95	112	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0691	0.0042	2	291	311	DLYANTVLSGGTTMYPGIADR	0	0	Oxidation (M)[14]		Mascot
2231.0649	2231.0691	0.0042	2	291	311	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2359.1599	2359.1738	0.0139	6	290	311	KDLYANTVLSGGTTMYPGIADR			Oxidation (M)[15]		Mascot
2566.1687	2566.1799	0.0112	4	215	237	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3467	-0.0805	-29	335	358	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot

4	unnamed protein product [Mus musculus]		gi|74187644	Mascot	42052.9	5.23	11	281	100	379222.44	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5684	0.0012	1	329	336	IIAPPERK					Mascot
1014.4812	1014.4854	0.0042	4	184	191	DLTDYLMK			Oxidation (M)[7]		Mascot
1132.527	1132.5231	-0.0039	-3	197	206	GYSFTTTAER	38	93.435			Mascot
1132.527	1132.5231	-0.0039	-3	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7318	-0.0173	-11	85	95	IWHHTFYNELR					Mascot

1516.7028	1516.6998	-0.003	-2	360	372	QEYDESGPSIVHR		91	100					Mascot
1516.7028	1516.6998	-0.003	-2	360	372	QEYDESGPSIVHR								Mascot
1790.892	1790.8848	-0.0072	-4	239	254	SYELPDGQVITIGNER		75	99.999					Mascot
1790.892	1790.8848	-0.0072	-4	239	254	SYELPDGQVITIGNER								Mascot
1954.0645	1954.056	-0.0085	-4	96	113	VAPEEHPVLLTEAPLNPK								Mascot
1954.0645	1954.056	-0.0085	-4	96	113	VAPEEHPVLLTEAPLNPK								Mascot
2231.0649	2231.0691	0.0042	2	292	312	DLYANTVLSGGTTMYPGIADR		0	0	Oxidation (M)[14]				Mascot
2231.0649	2231.0691	0.0042	2	292	312	DLYANTVLSGGTTMYPGIADR				Oxidation (M)[14]				Mascot
2359.1599	2359.1738	0.0139	6	291	312	KDLYANTVLSGGTTMYPGIADR				Oxidation (M)[15]				Mascot
2566.1687	2566.1799	0.0112	4	216	238	LCYVALDFEQEMATAASSSSLEK				Carbamidomethyl (C)[2], Oxidation (M)[12]				Mascot
2746.4272	2746.3467	-0.0805	-29	336	359	KYSVWIGGSILASLSTFQQMWISK				Oxidation (M)[20]				Mascot

5	unnamed protein product [Mus musculus]	gi|74190672	Mascot	42079.9	5.37	11	280	100	379222.44	100		

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
923.5672	923.5684	0.0012	1	329	336	IIAPPERK					Mascot
1014.4812	1014.4854	0.0042	4	184	191	DLTDYLMK			Oxidation (M)[7]		Mascot
1132.527	1132.5231	-0.0039	-3	197	206	GYSFTTTAER	38	93.435			Mascot
1132.527	1132.5231	-0.0039	-3	197	206	GYSFTTTAER					Mascot
1515.7491	1515.7318	-0.0173	-11	85	95	IWHHTFYNELR					Mascot
1516.7028	1516.6998	-0.003	-2	360	372	QEYDESGPSIVHR	91	100			Mascot
1516.7028	1516.6998	-0.003	-2	360	372	QEYDESGPSIVHR					Mascot
1790.892	1790.8848	-0.0072	-4	239	254	SYELPDGQVITIGNER	75	99.999			Mascot
1790.892	1790.8848	-0.0072	-4	239	254	SYELPDGQVITIGNER					Mascot
1954.0645	1954.056	-0.0085	-4	96	113	VAPEEHPVLLTEAPLNPK					Mascot
1954.0645	1954.056	-0.0085	-4	96	113	VAPEEHPVLLTEAPLNPK					Mascot
2231.0649	2231.0691	0.0042	2	292	312	DLYANTVLSGGTTMYPGIADR	0	0	Oxidation (M)[14]		Mascot
2231.0649	2231.0691	0.0042	2	292	312	DLYANTVLSGGTTMYPGIADR			Oxidation (M)[14]		Mascot
2359.1599	2359.1738	0.0139	6	291	312	KDLYANTVLSGGTTMYPGIADR			Oxidation (M)[15]		Mascot
2566.1687	2566.1799	0.0112	4	216	238	LCYVALDFEQEMATAASSSSLEK			Carbamidomethyl (C)[2], Oxidation (M)[12]		Mascot
2746.4272	2746.3467	-0.0805	-29	336	359	KYSVWIGGSILASLSTFQQMWISK			Oxidation (M)[20]		Mascot

Gel Idx/Pos	75/D23	**Instr./Gel Origin**	4700pa/Cinnagen 21 Oct 08	**Process Status**	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	**Instrument Sample Name**		**Spectra**	4

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	mCG57215 [Mus musculus]	gi|148692465	Mascot	7717.8	6.24	3	34	0	228195.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
2239.1177	2239.1353	0.0176	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2239.1177	2239.1353	0.0176	8	47	67	GSSVRHDLTCGSVFLSGIFSL			Carbamidomethyl (C)[10]		Mascot
2247.0686	2247.1699	0.1013	45	21	39	EMNHITLPSGPWTVCLYGR			Carbamidomethyl (C)[15], Oxidation (M)[2]		Mascot
2299.1499	2299.1836	0.0337	15	2	20	LLHDYNCRLEEALKPGNEK			Carbamidomethyl (C)[7]		Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	unnamed protein product [Mus musculus]	gi|74142661	Mascot	35974.1	7.66	5	30	0	228195.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
892.5139	892.5184	0.0045	5	116	123	VVIVYGDK					Mascot
1067.519	1067.55	0.031	29	219	227	NCPTTTVFK			Carbamidomethyl (C)[2]		Mascot
2299.2849	2299.1836	-0.1013	-44	116	135	VVIVYGDKDSPIHFALIVWK					Mascot
2313.2305	2313.2004	-0.0301	-13	76	95	GEMQKHIVCLSVAIIIQTEK			Carbamidomethyl (C)[9], Oxidation (M)[3]		Mascot
2679.3599	2679.3823	0.0224	8	101	123	EFHTHYNQIIMSSAKVVIVYGDK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|74143782	Mascot	75674.7	6.57	6	27	0	228195.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.4727	864.4949	0.0222	26	550	556	FFSHKAK					Mascot
2211.2231	2211.1001	-0.123	-56	410	429	ELEATLRTQSLLLEAIPEGK					Mascot
2239.1282	2239.1353	0.0071	3	473	492	ESPPEVFIEGIFQPSYKSGK					Mascot
2239.1765	2239.1353	-0.0412	-18	362	380	FTRCLKPPLDLNQLSHGSR			Carbamidomethyl (C)[4]		Mascot
2246.1187	2246.2078	0.0891	40	181	199	ATEVEWILSLSEEENELVR					Mascot

	3353.5632	3353.76	0.1968	59	623	652	CESAGTSQVTTLPLPTLFGNNHMKMEVACK				Carbamidomethyl (C)[1,29], Oxidation (M)[23,25]			Mascot
4	IgH antibody heavy chain VDJ region [Mus musculus]				gi|2745927		Mascot	13526.5	8.01	3	26	0	228195.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
864.505	864.4949	-0.0101	-12	70	76	FIVSRSR					Mascot
2811.2905	2811.3108	0.0203	7	20	43	LSCATSGFTFSDFYMEWVRQPPGK			Carbamidomethyl (C)[3]		Mascot
2839.3276	2839.2908	-0.0368	-13	77	100	DTSQSILYLQMNALEDTAIYYCAR			Carbamidomethyl (C)[22]		Mascot
5	Fen1 protein [Mus musculus]				gi|20071071		Mascot	42924.1	8.54	5	26	0	228195.56	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
842.4553	842.5081	0.0528	63	1	8	MGIHGLAK			Oxidation (M)[1]		Mascot
1051.6259	1051.6986	0.0727	69	246	254	AVDLIQKHK					Mascot
2239.0547	2239.1353	0.0806	36	110	128	QLQQAQEAGMEEEVEKFTK			Oxidation (M)[10]		Mascot
2239.0547	2239.1353	0.0806	36	110	128	QLQQAQEAGMEEEVEKFTK			Oxidation (M)[10]		Mascot
2313.186	2313.2004	0.0144	6	278	297	EAQQLFLEPEVLDPESVELK					Mascot
2679.3997	2679.3823	-0.0174	-6	71	93	TIRMMENGVKPVYVFDGKPPQLK			Oxidation (M)[4,5]		Mascot

Gel Idx/Pos	100/D24	Instr./Gel Origin	4700pa/Cinnagen 21 Oct 08	Process Status	Analysis Succeeded
Plate [#] Name	[1] Cinnagen 21_Oct_08	Instrument Sample Name		Spectra	11

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
1	unnamed protein product [Mus musculus]	gi|26353460	Mascot	17214.2	5.92	6	138	100	550101.75	99.98

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1039.5167	1039.5173	0.0006	1	34	42	EGIPPDQQR	15	0			Mascot
1039.5167	1039.5173	0.0006	1	110	118	EGIPPDQQR					Mascot
1045.5889	1045.5675	-0.0214	-20	64	72	ESTLDLVLR					Mascot
1067.6208	1067.6217	0.0009	1	140	148	ESTLHLVLR	11	0			Mascot
1067.6208	1067.6217	0.0009	1	140	148	ESTLHLVLR					Mascot
1081.5525	1081.549	-0.0035	-3	131	139	TLSDYNIQK					Mascot
1523.7812	1523.7826	0.0014	1	30	42	IQDKEGIPPDQQR	41	96.455			Mascot
1523.7812	1523.7826	0.0014	1	106	118	IQDKEGIPPDQQR					Mascot
1787.9274	1787.9181	-0.0093	-5	12	27	TITLEVEPSDTIENVK					Mascot
1787.9274	1787.9181	-0.0093	-5	88	103	TITLEVEPSDTIENVK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
2	Ubc protein [Mus musculus]	gi|14250448	Mascot	22822.3	9.15	5	125	100	550101.75	99.97

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1039.5167	1039.5173	0.0006	1	34	42	EGIPPDQQR	15	0			Mascot
1039.5167	1039.5173	0.0006	1	110	118	EGIPPDQQR					Mascot
1067.6208	1067.6217	0.0009	1	64	72	ESTLHLVLR	11	0			Mascot
1067.6208	1067.6217	0.0009	1	140	148	ESTLHLVLR					Mascot
1081.5525	1081.549	-0.0035	-3	131	139	TLSDYNIQK					Mascot
1523.7812	1523.7826	0.0014	1	30	42	IQDKEGIPPDQQR	41	96.455			Mascot
1523.7812	1523.7826	0.0014	1	106	118	IQDKEGIPPDQQR					Mascot
1787.9274	1787.9181	-0.0093	-5	12	27	TITLEVEPSDTIENVK					Mascot
1787.9274	1787.9181	-0.0093	-5	88	103	TITLEVEPSDTIENVK					Mascot

Rank	Protein Name	Accession No.	Result Type	Protein MW	Protein PI	Pep. Count	Protein Score	Protein Score C. I. %	MS Ion Intensity	Total Ion C. I. %
3	unnamed protein product [Mus musculus]	gi|12833702	Mascot	25805.9	6.86	5	119	100	550101.75	99.941

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1039.5167	1039.5173	0.0006	1	34	42	EGIPPDQQR	15	0			Mascot
1039.5167	1039.5173	0.0006	1	186	194	EGIPPDQQR					Mascot
1067.6208	1067.6217	0.0009	1	64	72	ESTLHLVLR	11	0			Mascot
1067.6208	1067.6217	0.0009	1	216	224	ESTLHLVLR					Mascot
1081.5525	1081.549	-0.0035	-3	207	215	TLSDYNIQK					Mascot
1523.7812	1523.7826	0.0014	1	30	42	IQDKEGIPPDQQR	41	96.455			Mascot
1523.7812	1523.7826	0.0014	1	182	194	IQDKEGIPPDQQR					Mascot
1787.9274	1787.9181	-0.0093	-5	12	27	TITLEVEPSDTIENVK					Mascot
1787.9274	1787.9181	-0.0093	-5	164	179	TITLEVEPSDTIENVK					Mascot

4	PREDICTED: hypothetical protein [Mus musculus]	gi|94369204	Mascot	8722.7	6.56	5	113	100	550101.75	99.991	

Protein Group

Chain C, Crystal Structure Of Human Amsh-Lp Dub Domain In Complex With Lys63-Linked Ubiquitin Dimer	gi|197725013	8674.6	5.7699999809 2651
RecName: Full=Ubiquitin	gi|51703334	8559.6	6.5599999427 7954

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Rank	Result Type
1039.5167	1039.5173	0.0006	1	34	42	EGIPPDQQR	15	0			Mascot
1039.5167	1039.5173	0.0006	1	34	42	EGIPPDQQR					Mascot
1067.6208	1067.6217	0.0009	1	64	72	ESTLHLVLR	11	0			Mascot
1067.6208	1067.6217	0.0009	1	64	72	ESTLHLVLR					Mascot
1081.5525	1081.549	-0.0035	-3	55	63	TLSDYNIQK					Mascot
1523.7812	1523.7826	0.0014	1	30	42	IQDKEGIPPDQQR	41	96.455			Mascot
1523.7812	1523.7826	0.0014	1	30	42	IQDKEGIPPDQQR					Mascot
1787.9274	1787.9181	-0.0093	-5	12	27	TITLEVEPSDTIENVK					Mascot
1787.9274	1787.9181	-0.0093	-5	12	27	TITLEVEPSDTIENVK					Mascot

5	unnamed protein product [Mus musculus]	gi|74214198	Mascot	31363.9	9.03	5	111	100	550101.75	99.941	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start	End	Sequence	Ion	C. I. %	Modification	Rank	Result Type

				Seq.	Seq.		Score		
1039.5167	1039.5173	0.0006	1	34	42	EGIPPDQQR	15	0	Mascot
1039.5167	1039.5173	0.0006	1	186	194	EGIPPDQQR			Mascot
1067.6208	1067.6217	0.0009	1	64	72	ESTLHLVLR	11	0	Mascot
1067.6208	1067.6217	0.0009	1	216	224	ESTLHLVLR			Mascot
1081.5525	1081.549	-0.0035	-3	207	215	TLSDYNIQK			Mascot
1523.7812	1523.7826	0.0014	1	30	42	IQDKEGIPPDQQR	41	96.23	Mascot
1523.7812	1523.7826	0.0014	1	182	194	IQDKEGIPPDQQR			Mascot
1787.9274	1787.9181	-0.0093	-5	12	27	TITLEVEPSDTIENVK			Mascot
1787.9274	1787.9181	-0.0093	-5	164	179	TITLEVEPSDTIENVK			Mascot