

MATRIX SCIENCE MASCOT Search Results

User : keding
 E-mail : chengkening@yahoo.com
 Search title : flagellin
 MS data file : C:\Xcalibur\data\20120119-001-0023-00866-prp\20120119-007-20120118-18.RAW
 Database : CustomDB (15 sequences; 5,291 residues)
 Taxonomy : Mammalia (mammals) (15 sequences)
 Timestamp : 24 Jan 2012 at 15:45:57 GMT
 Warning : No taxonomy indexes for CustomDB, taxonomy 'Mammalia (mammals)' ignored. Searching all entries in CustomDB

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- ▶ Search parameters
- ▶ Score distribution
- ▶ Legend

Protein Family Summary

Significance threshold p< Max. number of families
 Ions score or expect cut-off Dendrograms cut at

Protein family 1 (out of 1)

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▼ **1** **gi|100000007** 3857 Black 5->3 Frame 2 PrpSheep-Hamster

	Score	Mass	Matches	Sequences	emPAI	
1.1	gi 100000007	3857	24501	156 (148)	9 (8)	15.62
	Black 5->3 Frame 2 PrpSheep-Hamster					

▼ **156 peptide matches (29 non-duplicate, 127 duplicate)**

Query	Dupes	Observed	Mr (expt)	Mr (calc)	ppm	M	Score	Expect	Rank	U	Peptide
<u>391</u>		508.7719	1015.5292	1015.5298	-0.59	0	12	0.064	▶ <u>1</u>	U	K.QHTVTITTK.G
<u>415</u>	▶ <u>18</u>	522.7407	1043.4668	1043.4672	-0.33	0	57	2e-06	▶ <u>1</u>	U	R.ESQAYYQR.G
<u>432</u>		523.2330	1044.4514	1044.4512	0.24	0	35	0.00031	▶ <u>1</u>	U	R.ESQAYYQR.G + Deamidated (NQ)
<u>523</u>	▶ <u>24</u>	545.2558	1088.4970	1088.4999	-2.64	0	58	1.5e-06	▶ <u>1</u>	U	R.YPGQSPGGNR.Y
<u>548</u>	▶ <u>1</u>	545.7485	1089.4824	1089.4839	-1.36	0	46	2.4e-05	▶ <u>1</u>	U	R.YPGQSPGGNR.Y + Deamidated (NQ)
<u>671</u>	▶ <u>23</u>	577.2727	1152.5308	1152.5299	0.84	0	70	1.1e-07	▶ <u>1</u>	U	K.GENFTETDIK.I
<u>689</u>		577.7654	1153.5162	1153.5139	2.05	0	48	1.7e-05	▶ <u>1</u>	U	K.GENFTETDIK.I + Deamidated (NQ)
<u>952</u>		688.8270	1375.6394	1375.6415	-1.50	1	53	5e-06	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y
<u>953</u>	▶ <u>1</u>	459.5543	1375.6411	1375.6415	-0.32	1	33	0.00046	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y
<u>957</u>		459.8773	1376.6101	1376.6255	-11.2	1	6	0.23	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Deamidated (NQ)
<u>982</u>	▶ <u>23</u>	689.8237	1377.6328	1377.6313	1.11	0	54	3.7e-06	▶ <u>1</u>	U	R.LIHFGNDYEDR.Y
<u>995</u>	▶ <u>32</u>	460.2184	1377.6334	1377.6313	1.49	0	45	3e-05	▶ <u>1</u>	U	R.LIHFGNDYEDR.Y
<u>1016</u>	▶ <u>1</u>	690.3167	1378.6188	1378.6153	2.55	0	46	2.3e-05	▶ <u>1</u>	U	R.LIHFGNDYEDR.Y + Deamidated (NQ)
<u>1018</u>	▶ <u>1</u>	460.5471	1378.6195	1378.6153	3.01	0	42	6.1e-05	▶ <u>1</u>	U	R.LIHFGNDYEDR.Y + Deamidated (NQ)
<u>1041</u>	▶ <u>1</u>	696.8248	1391.6350	1391.6364	-0.99	1	54	4.4e-06	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Oxidation (M)
<u>1043</u>	▶ <u>2</u>	464.8859	1391.6359	1391.6364	-0.40	1	33	0.00054	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Oxidation (M)
<u>1045</u>		697.3150	1392.6154	1392.6204	-3.58	1	50	9.6e-06	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Deamidated (NQ); Oxidation (M)
<u>1046</u>		697.3163	1392.6180	1392.6204	-1.72	1	47	2.1e-05	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Deamidated (NQ); Oxidation (M)
<u>1047</u>		465.2141	1392.6205	1392.6204	0.024	1	4	0.38	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Deamidated (NQ); Oxidation (M)
<u>1048</u>		465.2143	1392.6211	1392.6204	0.46	1	16	0.022	▶ <u>1</u>	U	-.MRYPGQSPGGNR.Y + Deamidated (NQ); Oxidation (M)
<u>1519</u>		561.6074	1681.8004	1681.7981	1.34	1	9	0.12	▶ <u>1</u>	U	K.GENFTETDIKIMER.V
<u>1534</u>		566.9387	1697.7943	1697.7930	0.73	1	6	0.25	▶ <u>1</u>	U	K.GENFTETDIKIMER.V + Oxidation (M)
<u>1535</u>		849.9047	1697.7948	1697.7930	1.07	1	45	3e-05	▶ <u>1</u>	U	K.GENFTETDIKIMER.V + Oxidation (M)
<u>1897</u>		717.6898	2150.0476	2150.0492	-0.74	1	21	0.0086	▶ <u>1</u>	U	K.QHTVTITTKGENFTETDIK.I
<u>2490</u>		978.4406	3909.7333	3909.7266	1.71	0	66	2.5e-07	▶ <u>1</u>	U	K.HMAGAAAAGAVVGLGGYMLGSAMSRPMMHFGNDWEDR.Y + 2 Oxidation (M)
<u>2492</u>		982.4401	3925.7313	3925.7215	2.49	0	34	0.00038	▶ <u>1</u>	U	K.HMAGAAAAGAVVGLGGYMLGSAMSRPMMHFGNDWEDR.Y + 3 Oxidation (M)
<u>2495</u>		986.4385	3941.7249	3941.7164	2.14	0	39	0.00014	▶ <u>1</u>	U	K.HMAGAAAAGAVVGLGGYMLGSAMSRPMMHFGNDWEDR.Y + 4 Oxidation (M)
<u>2496</u>		986.4386	3941.7253	3941.7164	2.25	0	27	0.0019	▶ <u>1</u>	U	K.HMAGAAAAGAVVGLGGYMLGSAMSRPMMHFGNDWEDR.Y + 4 Oxidation (M)
<u>2501</u>		990.4383	3957.7241	3957.7114	3.22	0	48	1.4e-05	▶ <u>1</u>	U	K.HMAGAAAAGAVVGLGGYMLGSAMSRPMMHFGNDWEDR.Y + 5 Oxidation (M)

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