





































MASCUT SEARCH SUMMART					
1. gi 548939 Mass: 20840 Score: 108					
FKBP-TYPE PEPTIDYL-PROLYL CIS-TRANS ISOMERASE SLYD (PPIASE) (ROTAMA					
Under 38 1045 37 1045 59 -0.22 132 - 140 0 ENVEV/AIR					
1262.47 1261.46 1261.70 -0.24 6 - 16 0 DLVVSLAYOVR					
2343.88 2342.87 2343.08 -0.20 58 - 78 0 FDVAVGANDAYGQYDENLVQR					
3857.71 3856.70 3856.89 -0.19 96 - 131 0 FLAETDQGPVPVEITAVEDDHVVVDGNHMLAGQNLK					
2. ail13384624 Mass: 46931 Score: 45					
myocvte enhancer factor 2C [Mus musculus]					
Observed Mr(expt) Mr(calc) Delta Start End Miss Peptide					
1046.38 1045.37 1045.50 -0.13 263 - 271 0 NTMPSVNQR					
3857.71 3856.70 3856.76 -0.06 178 - 218 0 NSMSPGVTHRPPSAGNTGGLMGGDLTSGAGTSAGNGYGNPR					
No match to: 1262.47, 2343.88					
3. gil5257384 Mass; 43424 Score: 44					
(AF137308) phytochrome B [Lolium perenne]					
Observed Mr(expt) Mr(calc) Delta Start End Miss Peptide					
1046.38 1045.37 1045.54 -0.17 380- 389 0 GIDELSSVAR					
3857.71 3856.70 3856.72 -0.02 86 - 122 0 SPHGCHAQYMANMGSIASLVMAVIISSGGEDEHNMGR					
No match to: 1262.47, 2343.88					
4. gil4505147 Mass: 50305 Score: 44					
MADS box transcription enhancer factor 2, polypeptide C (myocyte enhan					
Observed Mr(expt) Mr(calc) Delta Start End Miss Peptide					
1046.38 1045.37 1045.50 -0.13 265 - 273 0 NTMPSVNQR					
3857.71 3856.70 3856.76 -0.06 180 - 220 0 NSMSPGVTHRPPSAGNTGGLMGGDLTSGAGTSAGNGYGNPR					
No match to: 1262.47, 2343.88					
S. Barnes-UAB 1/24/06					













Amino acid residues masses

Alanine	71.037	Leucine	113.084
Arginine	156.101	Lysine	128.094
Asparagine	114.043	Methionine	131.040
Aspartic acid	115.027	Phenylalanine	147.068
Cysteine	103.009	Proline	97.053
Glutamic acid	129.043	Serine	87.032
Glutamine	128.058	Threonine	101.048
Glycine	57.021	Tryptophan	186.079
Histidine	137.059	Tyrosine	163.063
Isoleucine	113.084	Valine	99.068















































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