

ProFound - Search Result SummaryVersion 2002.03.01
© 1997-2002 Proteometrics LLC**Protein Candidates**

Rank	Probability	Est'd Z	Protein Information and Sequence Analyse Tools (T)	%	pI	kDa	R
1	1.0e+000	1.35	<p>FTTSGH1181 1070076 1069615 [-1 L= 462 r=-1.186] (FTT1060c 1070067 1069615 -) ====>ref NP_253619.1 50S ribosomal protein L9 [Pseudomonas aeruginosa PAO1]gb AAG08317.1 50S ribosomal protein L9 [Pseudomonas aeruginosa PAO1] Score = 157 bits (396), Expect = 1e-37====>ref YP_170041.1 50S ribosomal protein L9 [Francisella tularensis subsp. tularensisSchu 4] Score = 287 bits (734), Expect = 8e-77</p> <p>FTTSGH0080 76456 77154 [+1 L= 699 r=-1.279] (FTT0075 76456 77154 +) ====>ref YP_155891.1 Succinate dehydrogenase/fumarate reductase Fe-S protein [Idiomarina loihiensis L2TR] Score = 357 bits (917), Expect = 1e-97====>ref YP_169150.1 succinate dehydrogenase iron-sulfur protein [Francisella tularensissubsp. tularensis Schu 4] Score = 484 bits (1247), Expect = e-136</p> <p>FTTSGH0958 872090 871500 [-3 L= 591 r=-1.268] (FTT0861 872090 871500 -) ====>emb CAA36654.1 unnamed protein product [Dichelobacter nodosus]sp P17824 FMA2_BACNO Fimbrial protein precursor (Pilin) (Serogroup C2) Score = 50.1 bits (118), Expect = 4e-05====>ref YP_169863.1 Type IV pili fiber building block protein [Francisella tularensissubsp. tularensis Schu 4] Score = 382 bits (982), Expect = e-105====>ref YP_169885.1 Type IV pili fiber building block protein [Francisella tularensissubsp. tularensis Schu 4] Score = 50.4 bits (119), Expect = 3e-05</p> <p>FTTSGH1087 986280 986495 [+3 L= 216 r=-1.237] (FTT0974 986280 987062 +) ====>gb AAB04595.2 Hypothetical protein T22B7.3 [Caenorhabditis elegans]ref NP_508952.2 amidinotransferase family member (XG273) [Caenorhabditis elegans] Score = 73.6 bits (179), Expect = 2e-12</p>	19	5.6	16.38	
2	6.4e-005	-		10	8.4	26.58	
3	1.2e-005	-		12	9.8	21.93	
4	2.6e-006	-		22	6.1	8.23	

5	1.5e-006	-	<p>FTTSGH0940 858178 858354 [+1 L= 177 r=-1.246] (FTT0844 858178 858900 +) =====>Hypothetical ORF FTTSGH940</p> <p>FTTSGH1454 1306629 1307195 [+3 L= 567 r=-1.254] (FTT1288 1306629 1307195 +) =====>ref NP_927602.1 hypothetical protein plu0239 [Photorhabdus luminescens subsp.laumondii TTO1] Score = 147 bits (372), Expect = 1e-34=====>ref YP_170243.1 conserved hypothetical membrane protein [Francisella tularensissubsp. tularensis Schu 4] Score = 374 bits (960), Expect = e-103=====>ref YP_170354.1 conserved hypothetical membrane protein [Francisella tularensissubsp. tularensis Schu 4] Score = 125 bits (314), Expect = 7e-28</p>	36	5.6	6.37	
6	6.7e-007	-	<p>FTTSGH0088 85276 85635 [+1 L= 360 r=-1.242] (FTT0082 85273 85635 +) =====>Hypothetical ORF FTTSGH88</p> <p>FTTSGH1524 1396874 1397446 [+2 L= 573 r=-1.205] (FTT1355 1396874 1397446 +) =====>ref YP_170615.1 hypothetical protein FTT1710 [Francisella tularensis subsp.tularensis Schu 4] Score = 388 bits (996), Expect = e-107=====>gb AAP58977.1 unknown [Francisella tularensis subsp. novicida]Length = 188 Score = 334 bits (857), Expect = 8e-91</p> <p>FTTSGH1940 1790218 1790790 [+1 L= 573 r=-1.205] (FTT1710 1790218 1790790 +) =====>ref YP_170615.1 hypothetical protein FTT1710 [Francisella tularensis subsp.tularensis Schu 4] Score = 388 bits (996), Expect = e-107=====>gb AAP58977.1 unknown [Francisella tularensis subsp. novicida]Length = 188 Score = 334 bits (857), Expect = 8e-91</p>	7	8.0	21.58	
7	5.4e-007	-	<p>FTTSGH0088 85276 85635 [+1 L= 360 r=-1.242] (FTT0082 85273 85635 +) =====>Hypothetical ORF FTTSGH88</p> <p>FTTSGH1524 1396874 1397446 [+2 L= 573 r=-1.205] (FTT1355 1396874 1397446 +) =====>ref YP_170615.1 hypothetical protein FTT1710 [Francisella tularensis subsp.tularensis Schu 4] Score = 388 bits (996), Expect = e-107=====>gb AAP58977.1 unknown [Francisella tularensis subsp. novicida]Length = 188 Score = 334 bits (857), Expect = 8e-91</p> <p>FTTSGH1940 1790218 1790790 [+1 L= 573 r=-1.205] (FTT1710 1790218 1790790 +) =====>ref YP_170615.1 hypothetical protein FTT1710 [Francisella tularensis subsp.tularensis Schu 4] Score = 388 bits (996), Expect = e-107=====>gb AAP58977.1 unknown [Francisella tularensis subsp. novicida]Length = 188 Score = 334 bits (857), Expect = 8e-91</p>	10	6.9	13.84	
8	5.2e-007	-	<p>FTTSGH1940 1790218 1790790 [+1 L= 573 r=-1.205] (FTT1710 1790218 1790790 +) =====>ref YP_170615.1 hypothetical protein FTT1710 [Francisella tularensis subsp.tularensis Schu 4] Score = 388 bits (996), Expect = e-107=====>gb AAP58977.1 unknown [Francisella tularensis subsp. novicida]Length = 188 Score = 334 bits (857), Expect = 8e-91</p> <p>FTTSGH1278 1150099 1149842 [-2 L= 258 r=-1.273] (FTT1137 1150099 1149842 -) =====>ref YP_170108.1 hypothetical protein FTT1137c [Francisella tularensis subsp.tularensis Schu 4] Score = 186 bits (471), Expect = 3e-46</p>	9	6.8	22.08	
9	5.2e-007	-	<p>FTTSGH1940 1790218 1790790 [+1 L= 573 r=-1.205] (FTT1710 1790218 1790790 +) =====>ref YP_170615.1 hypothetical protein FTT1710 [Francisella tularensis subsp.tularensis Schu 4] Score = 388 bits (996), Expect = e-107=====>gb AAP58977.1 unknown [Francisella tularensis subsp. novicida]Length = 188 Score = 334 bits (857), Expect = 8e-91</p> <p>FTTSGH1278 1150099 1149842 [-2 L= 258 r=-1.273] (FTT1137 1150099 1149842 -) =====>ref YP_170108.1 hypothetical protein FTT1137c [Francisella tularensis subsp.tularensis Schu 4] Score = 186 bits (471), Expect = 3e-46</p>	9	6.8	22.08	
10	5.0e-007	-	<p>FTTSGH1278 1150099 1149842 [-2 L= 258 r=-1.273] (FTT1137 1150099 1149842 -) =====>ref YP_170108.1 hypothetical protein FTT1137c [Francisella tularensis subsp.tularensis Schu 4] Score = 186 bits (471), Expect = 3e-46</p>	13	4.3	9.95	

NOTE:

1. To search again using [unmatched masses](#), click the symbol .

Input Summary

Search id 20060404162025-1E00-192168001107

Sequences 1986

Date & Time Tue Apr 04 21:20:25 2006 UTC (Search Time: 0.14 sec.)

Sample ID Schu4 259 [Pass: 1]

Database SCHU2K [..\databases\schu2k]

Taxonomy -

Mass Range 0 - 40 kDa

pI Range 0.0 -14.0

Digestion Trypsin

Missed Cuts 1

Modifications +O@M(Partial);

Charge State MH+

Masses (avg)

Tolerance (avg) 1.00 ppm

Masses (mon) 935.505 962.459 1144.613 1174.750 1178.641 1182.539 1479.785
1638.919 1667.925 1703.527 2013.129 2270.265

Tolerance (mon) 50.00 ppm

Number of 12

Peptides

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