

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	9.9e-001	0.79	<p>FTTSGH1540 1411305 1410244 [-1 L=1062 r=-1.228] (FTT1365c 1411305 1410244 -) =====>emb CAA09871.1 fructose-1,6-bisphosphate aldolase [Pseudomonas stutzeri]sp O87796 ALF_PSEST Fructose-bisphosphate aldolase Score = 593 bits (1529), Expect = e-168=====>ref YP_170314.1 Fructose-1,6-bisphosphate aldolase [Francisella tularensis subsp.tularensis Schu 4] Score = 702 bits (1811), Expect = 0.0</p>	15	5.3	38.13	
2	5.0e-003	0.03	<p>FTTSGH0438 413780 414853 [+2 L=1074 r=-1.219] (FTT0407 413780 414853 +) =====>ref YP_156475.1 Glycine cleavage system T protein [Idiomarina loihiensis L2TR]gb AAV82926.1 Glycine cleavage system T protein [Idiomarina loihiensis L2TR] Score = 382 bits (982), Expect = e-105=====>ref YP_169452.1 glycine cleavage complex protein T (aminomethyltransferase)[Francisella tularensis subsp. tularensis Schu 4] Score = 719 bits (1855), Expect = 0.0</p>	16	5.7	39.57	
3	1.0e-003	-	<p>FTTSGH1664 1527544 1528566 [+1 L=1023 r=-1.229] (FTT1475 1527544 1528566 +) =====>gb AAK03120.1 GalT [Pasteurella multocida subsp. multocida str. Pm70]ref NP_245973.1 GalT [Pasteurella multocida subsp. multocida str. Pm70] Score = 389 bits (999), Expect = e-107=====>ref YP_170411.1 Galactose-1-phosphate uridylyltransferase [Francisella tularensissubsp. tularensis Schu 4] Score = 706 bits (1821), Expect = 0.0</p>	16	6.6	39.57	
4	8.1e-004	-	<p>FTTSGH2047 1882631 1883056 [+2 L= 426 r=-1.197] (FTT1794 1882631 1883056 +) =====>ref YP_247020.1 Small heat shock protein [Rickettsia felis URRWXCa2]gb AAY61855.1 Small heat shock protein [Rickettsia felis URRWXCa2] Score = 116 bits (291), Expect = 2e-25=====>ref YP_170678.1 heat shock protein [Francisella tularensis subsp. tularensis Schu4] Score = 287 bits (734),</p>	30	5.6	16.69	

Expect = 8e-77						
5	2.3e-004	-	FTTSGH0022 16728 17798 [+3 L=1071 r=-1.246] (FTT0018 16728 17798 +) =====>ref YP_094279.1 RND efflux membrane fusion protein [Legionella pneumophila subsp.pneumophila str. Philadelphia 1] Score = 305 bits (781), Expect = 2e-81=====>ref YP_169094.1 Secretion protein [Francisella tularensis subsp. tularensis Schu 4]emb CAG44651.1 Secretion protein [Francisella tularensis subsp. tularensis SCHU S4] Score = 703 bits (1814), Expect = 0.0	15	9.2	40.02
			FTTSGH1253 1124717 1123776 [-3 L= 942 r=-1.216] (FTT1114c 1124717 1123776 -) =====>gb AAO90654.1 protein-export membrane protein SecF [Coxiella burnetii RSA 493]ref NP_820140.1 protein-export membrane protein SecF [Coxiella burnetii RSA 493] Score = 311 bits (796), Expect = 2e-83=====>ref YP_170088.1 preprotein translocase, subunit F, membrane protein [Francisellatularensis subsp. tularensis Schu 4] Score = 597 bits (1540), Expect = e-169	19	6.0	34.47
+7	9.9e-006	-	FTTSGH1426 1286067 1285075 [-1 L= 993 r=-1.186] (FTT1263 1286067 1285075 -) =====>ref YP_170220.1 hypothetical protein FTT1263c [Francisella tularensis subsp.tularensis Schu 4] Score = 684 bits (1766), Expect = 0.0	12	9.1	39.15
			FTTSGH0409 380978 379986 [-3 L= 993 r=-1.186] (FTT0378 380978 379986 -) =====>ref YP_170220.1 hypothetical protein FTT1263c [Francisella tularensis subsp.tularensis Schu 4] Score = 684 bits (1766), Expect = 0.0	12	9.1	39.15
	-	-	FTTSGH0380 352919 353911 [+2 L= 993 r=-1.186] (FTT0354 352919 353911 +) =====>ref YP_170220.1 hypothetical protein FTT1263c [Francisella tularensis subsp.tularensis Schu 4] Score = 684 bits (1766), Expect = 0.0	12	9.1	39.15
			FTTSGH1585 1458131 1457049 [-3 L=1083 r=-1.209] (FTT1407 1458131 1457049 -) (FTT1408c 1458846 1458100 -) =====>ref XP_635612.1 hypothetical protein DDB0188916 [Dictyostelium discoideum]gb EAL62112.1 hypothetical protein DDB0188916 [Dictyostelium discoideum] Score = 53.1 bits (126), Expect	12	8.9	40.00
8	2.4e-006	-				

NOTE:

- ## Input Summary

Sequences 1979

Sample ID Schu4 250 [Pass: 1]

Taxonomy -

pI Range 0.0 -14.0

Missed Cuts 1

Charge State MH+

Tolerance (avg) 1.00 ppm

4/4/06 2:27 PM

1993.998 2025.041 2240.150 2383.953 2501.218

Tolerance (mon) 100.00 ppm**Number of** 36
Peptides

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