






**ProFound - Search Result Summary**Version 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	1.01	<p><a href="#">FTTSGH1646</a> 1510900 1509920 [-2 L= 981 r=-1.256] (FTT1459c 1510888 1509920 -)  =====&gt;gb AAM27817.1  wbpP  [Pseudomonas aeruginosa]Length = 341  Score = 310 bits (795), Expect = 3e-83=====&gt;ref YP_170396.1  NAD dependent epimerase [Francisella tularensis subsp. tularensisSchu 4] Score = 669 bits (1726), Expect = 0.0</p> <p><a href="#">FTTSGH1866</a> 1713251 1712496 [-3 L= 756 r=-1.233] (FTT1647c 1713239 1712496 -)  =====&gt;ref NP_439554.1  dihydroorotate dehydrogenase [Haemophilus influenzae Rd KW20]gb AAC23047.1  dihydroorotate dehydrogenase (pyrD) [Haemophilus influenzae Rd Score = 57.8 bits (138), Expect = 3e-07=====&gt;ref YP_170556.1  dihydroorotate dehydrogenase [Francisella tularensis subsp. tularensis Schu 4] Score = 506 bits (1303), Expect = e-142</p> <p><a href="#">FTTSGH1692</a> 1555510 1556538 [+1 L=1029 r=-1.234] (FTT1501 1555510 1556538 +)  =====&gt;gb AAO36241.1  putative carbamoyl-phosphate synthase large chain [Clostridiumtetani E88] Score = 80.5 bits (197), Expect = 8e-14=====&gt;ref YP_169534.1  hypothetical protein FTT0499 [Francisella tularensis subsp. tularensis Schu 4] Score = 194 bits (492), Expect = 5e-48</p> <p><a href="#">FTTSGH0760</a> 708934 708035 [-2 L= 900 r=-1.211] (FTT0690c 708934 708035 -)  =====&gt;gb AAF94546.1  lipoate-protein ligase A [Vibrio cholerae O1 biovar eltor str.N16961] Score = 208 bits (530), Expect = 2e-52=====&gt;ref YP_169706.1  Lipoate-protein ligase A [Francisella tularensis subsp. tularensisSchu 4] Score = 615 bits (1587), Expect = e-175</p> <p><a href="#">FTTSGH0747</a> 695717 694929 [-3 L= 789 r=-1.201] (FTT0677 695702 694929 -)  =====&gt;ref YP_151696.1  putative methyltransferase [Salmonella enterica subsp. entericaserovar Paratyphi A str. ATCC 9150] Score = 212 bits (539), Expect =</p>	14	5.5	36.78	
2	2.6e-003	0.16		12	9.8	28.26	
3	5.7e-004	-		6	6.1	38.89	
4	4.3e-005	-		10	9.1	35.37	
5	5.5e-006	-		11	5.3	30.55	

			1e-53====>ref YP_169693.1  hypothetical protein FTT0677c [Francisella tularensis subsp.tularensis Schu 4] Score = 517 bits (1331), Expect = e-145			
			FTTSGH0619 583252 582512 [-2 L= 741 r=-0.999] (FTT0565c 583252 582512 -)====>ref YP_122434.1  hypothetical protein lpp0083 [Legionella pneumophila str. Paris]emb CAH11231.1  hypothetical protein [Legionella pneumophila str. Paris] Score = 260 bits (665), Expect = 2e-68====>ref YP_170453.1  Transposase [Francisella tularensis subsp. tularensis Schu 4]ref YP_170402.1  Transposase [Francisella tularensis subsp. tularensis Schu 4] Score = 508 bits (1307), Expect = e-143			
6	3.1e-006	-		13	9.6	28.92 
			FTTSGH0965 876766 877506 [+1 L= 741 r=-0.999] (FTT0867 876766 877506 +)====>ref YP_122434.1  hypothetical protein lpp0083 [Legionella pneumophila str. Paris]emb CAH11231.1  hypothetical protein [Legionella pneumophila str. Paris] Score = 260 bits (665), Expect = 2e-68====>ref YP_170453.1  Transposase [Francisella tularensis subsp. tularensis Schu 4]ref YP_170402.1  Transposase [Francisella tularensis subsp. tularensis Schu 4] Score = 508 bits (1307), Expect = e-143			
7	3.1e-006	-		13	9.6	28.92 
			FTTSGH0808 753265 754005 [+1 L= 741 r=-0.999] (FTT0730 753265 754005 +)====>ref YP_122434.1  hypothetical protein lpp0083 [Legionella pneumophila str. Paris]emb CAH11231.1  hypothetical protein [Legionella pneumophila str. Paris] Score = 260 bits (665), Expect = 2e-68====>ref YP_170453.1  Transposase [Francisella tularensis subsp. tularensis Schu 4]ref YP_170402.1  Transposase [Francisella tularensis subsp. tularensis Schu 4] Score = 508 bits (1307), Expect = e-143			
8	3.1e-006	-		13	9.6	28.92 
			FTTSGH0336 324678 323938 [-1 L= 741 r=-0.999] (FTT0309c 324678 323938 -)====>ref YP_122434.1  hypothetical protein lpp0083 [Legionella pneumophila str. Paris]emb CAH11231.1  hypothetical protein [Legionella pneumophila str. Paris] Score = 260 bits (665), Expect = 2e-68====>ref YP_170453.1  Transposase [Francisella tularensis subsp. tularensis Schu 4]ref YP_170402.1  Transposase [Francisella tularensis subsp. tularensis Schu 4] Score =			
9	3.1e-006	-		13	9.6	28.92 

508 bits (1307), Expect = e-143				
FTTSGH0412 383703 384443 [+3 L= 741				
r=-0.999] (FTT0381 383703 384443 +)				
====>ref YP_122434.1  hypothetical				
protein lpp0083 [Legionella pneumophila str.				
Paris]emb CAH11231.1  hypothetical protein				
10	3.1e-006	-	13	9.6 28.92 
[Legionella pneumophila str. Paris] Score =				
260 bits (665), Expect =				
2e-68====>ref YP_170453.1  Transposase				
[Francisella tularensis subsp. tularensis Schu				
4]ref YP_170402.1  Transposase [Francisella				
tularensis subsp. tularensis Schu 4] Score =				
508 bits (1307), Expect = e-143				

NOTE:

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

**Input Summary**

Search id

20060404160651-1E60-192168001107

Sequences

1582

Date & Time

Tue Apr 04 21:06:51 2006 UTC (Search Time: 0.22 sec.)

Sample ID

Schu4 254

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)

902.478 939.538 948.511 975.199 1170.627 1193.662 1343.740  
1356.779 1387.759 1403.741 1638.959 1667.885 1703.479  
1994.044 2031.999 2049.005 2362.227 2383.955 2417.177  
2419.188 2706.307

Tolerance (mon)

40.00 ppm

Number of Peptides

21

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