


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	8.9e-001	0.55	<p>FTTSGH1692 1555510 1556538 [+1 L=1029 r=-1.234] (FTT1501 1555510 1556538 +) =====>gb AAO36241.1 putative carbamoyl-phosphate synthase large chain [Clostridiumtetani E88] Score = 80.5 bits (197), Expect = 8e-14=====>ref YP_169534.1 hypothetical protein FTT0499 [Francisella tularensis subsp.tularensis Schu 4] Score = 194 bits (492), Expect = 5e-48</p> <p>FTTSGH1866 1713251 1712496 [-3 L= 756 r=-1.233] (FTT1647c 1713239 1712496 -) =====>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=====>ref YP_170556.1 dihydroorotate dehydrogenase [Francisella tularensis subsp.tularensis Schu 4] Score = 506 bits (1303), Expect = e-142</p> <p>FTTSGH0747 695717 694929 [-3 L= 789 r=-1.201] (FTT0677 695702 694929 -) =====>ref YP_151696.1 putative methyltransferase [Salmonella enterica subsp. entericaserovar Paratyphi A str. ATCC 9150] Score = 212 bits (539), Expect = 1e-53=====>ref YP_169693.1 hypothetical protein FTT0677c [Francisella tularensis subsp.tularensis Schu 4] Score = 517 bits (1331), Expect = e-145</p> <p>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</p>	6	6.1	38.89	
2	9.9e-003	-		9	9.8	28.26	
3	9.7e-003	-		11	5.3	30.55	
4	5.7e-003	-		13	9.6	28.92	

5	5.7e-003	-	<p>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 [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</p> <p>FTTSGH1508 1371223 1370483 [-2 L= 741 r=-0.999] (FTT1340c 1371223 1370483 -) ====>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</p> <p>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</p> <p>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</p> <p>FTTSGH0107 103101 103841 [+3 L= 741 r=-0.999] (FTT0099 103101 103841 +) ====>ref YP_122434.1 hypothetical</p>	13	9.6	28.92	
6	5.7e-003	-	<p>FTTSGH1508 1371223 1370483 [-2 L= 741 r=-0.999] (FTT1340c 1371223 1370483 -) ====>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</p>	13	9.6	28.92	
7	5.7e-003	-	<p>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</p>	13	9.6	28.92	
8	5.7e-003	-	<p>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</p>	13	9.6	28.92	
9	5.7e-003	-	<p>FTTSGH0107 103101 103841 [+3 L= 741 r=-0.999] (FTT0099 103101 103841 +) ====>ref YP_122434.1 hypothetical</p>	13	9.6	28.92	

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

FTTSGH1719 1577009 1576269 [-3 L= 741 r=-0.999] (FTT1523c 1577009 1576269 -)====>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

10 5.7e-003 - 13 9.6 28.92 

NOTE:

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

Input Summary

Search id 20060404160731-1DDC-192168001107

Sequences 1582

Date & Time Tue Apr 04 21:07:31 2006 UTC (Search Time: 0.19 sec.)

Sample ID Schu4 254 [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) 939.538 948.511 975.199 1193.662 1356.779 1387.759 1403.741
1638.959 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 17

Profound is provided under exclusive licence by Genomic Solutions Ltd.