

**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	1.92	<p><a href="#">FTTSGH1671</a> 1534332 1532923 [-1 L=1410 r=-1.210] (FTT1483c 1534332 1532923 -) =====&gt;gb AAO90013.1  dihydrolipoamide dehydrogenase [Coxiella burnetii RSA 493]ref NP_819499.1  dihydrolipoamide dehydrogenase [Coxiella burnetii RSA 493] Score = 619 bits (1596), Expect = e-176=====&gt;ref YP_170418.1  dihydrolipoamide dehydrogenase [Francisella tularensis subsp.tularensis Schu 4] Score = 920 bits (2379), Expect = 0.0</p> <p><a href="#">FTTSGH0495</a> 476164 477180 [+1 L=1017 r=-1.206] (FTT0459 476164 477180 +) =====&gt;ref ZP_00636494.1  Peptidase S49 [Shewanella denitrificans OS-217]gb EAN68982.1  Peptidase S49 [Shewanella denitrificans OS-217] Score = 302 bits (774), Expect = 1e-80=====&gt;ref YP_169497.1  peptidase family S49 protein [Francisella tularensis subsp.tularensis Schu 4] Score = 658 bits (1697), Expect = 0.0</p> <p><a href="#">FTTSGH0534</a> 515335 515835 [+1 L= 501 r=-1.235] (FTT0495 515335 515835 +) =====&gt;gb AAY91785.1  conserved hypothetical protein [Pseudomonas fluorescens Pf-5]ref YP_259619.1  conserved hypothetical protein [Pseudomonas fluorescens Pf-5] Score = 152 bits (383), Expect = 5e-36=====&gt;ref YP_169532.1  hypothetical protein FTT0495 [Francisella tularensis subsp.tularensis Schu 4] Score = 343 bits (881), Expect = 9e-94</p> <p><a href="#">FTTSGH0473</a> 452620 453273 [+1 L= 654 r=-1.229] (FTT0439 452620 453273 +) =====&gt;emb CAG76519.1  probable tRNA/rRNA methyltransferase [Erwinia carotovora subsp.atroseptica SCRI1043] Score = 174 bits (440), Expect = 2e-42=====&gt;ref YP_169479.1  tRNA/rRNA methyltransferase [Francisella tularensis subsp.tularensis Schu 4] Score = 428 bits (1101), Expect = e-119</p>	14	5.6	50.47	
2	1.0e-005	0.28		7	9.1	38.10	
3	1.3e-008	-		17	5.5	19.03	
4	7.7e-009	-		16	7.8	23.67	

			<p><a href="#">FTTSGH1036</a> 941728 941132 [-2 L= 597 r=-1.203] (FTT0929 941911 941132 -) ====&gt;ref ZP_00465325.1  3-hydroxybutyrate dehydrogenase [Burkholderia cenocepacia HI2424]ref ZP_00458064.1  3-hydroxybutyrate dehydrogenase [Burkholderia cenocepacia AU 1054] Score = 244 bits (624), Expect = 9e-64</p>					
5	6.4e-009	-			15	6.3	21.44	
			<p><a href="#">FTTSGH0194</a> 193789 194463 [+1 L= 675 r=-1.245] (FTT0179 193789 194463 +) ====&gt;ref YP_126025.1  hypothetical protein lpl0663 [Legionella pneumophila str. Lens]emb CAH14897.1  hypothetical protein [Legionella pneumophila str. Lens] Score = 65.9 bits (159), Expect = 1e-09</p>		10	9.1	25.99	
			<p><a href="#">FTTSGH0432</a> 403507 404226 [+1 L= 720 r=-1.207] (FTT0401 403507 404226 +) ====&gt;ref ZP_00582277.1  conserved hypothetical protein [Shewanella baltica OS155]gb EAN43253.1  conserved hypothetical protein [Shewanella baltica OS155] Score = 85.5 bits (210), Expect = 1e-15====&gt;ref YP_169446.1  hypothetical protein FTT0401 [Francisella tularensis subsp.tularensis Schu 4] Score = 464 bits (1194), Expect = e-129</p>		6	8.9	27.35	
7	5.2e-009	-						
			<p><a href="#">FTTSGH1169</a> 1058317 1057958 [-2 L= 360 r=-1.234] (FTT1047 1058317 1057958 -) ====&gt;ref YP_170030.1  hypothetical protein FTT1047c [Francisella tularensis subsp.tularensis Schu 4] Score = 229 bits (583), Expect = 3e-59</p>		22	9.5	13.51	
8	5.2e-009	-						
			<p><a href="#">FTTSGH2047</a> 1882631 1883056 [+2 L= 426 r=-1.197] (FTT1794 1882631 1883056 +) ====&gt;ref YP_247020.1  Small heat shock protein [Rickettsia felis URRWXCal2]gb AAY61855.1  Small heat shock protein [Rickettsia felis URRWXCal2] Score = 116 bits (291), Expect = 2e-25====&gt;ref YP_170678.1  heat shock protein [Francisella tularensis subsp. tularensis Schu4] Score = 287 bits (734), Expect = 8e-77</p>		12	5.6	16.69	
9	4.3e-009	-						
			<p><a href="#">FTTSGH1226</a> 1102566 1101550 [-1 L=1017 r=-1.193] (FTT1093c 1102512 1101550 -) ====&gt;gb AAM50780.1  LD23608p [Drosophila melanogaster]Length = 320 Score = 317 bits (812), Expect = 4e-85====&gt;ref YP_170072.1  Transaldolase [Francisella tularensis subsp.</p>		9	6.9	38.00	
10	1.4e-009	-						

tularensis Schu 4]emb|CAG45726.1|  
Transaldolase [Francisella tularensis subsp.  
tularensis SCHU S4] Score = 622 bits (1603),  
Expect = e-177

## NOTE:

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

**Input Summary**

**Search id** 20060404151226-0418-192168001107

**Sequences** 2055

**Date & Time** Tue Apr 04 20:12:26 2006 UTC (Search Time: 0.27 sec.)

**Sample ID** Schu4 242 [Pass: 1]

**Database** SCHU2K [..\databases\schu2k]

**Taxonomy** -

**Mass Range** 0 - 80 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)** 962.436 1057.622 1082.626 1087.566 1140.667 1199.681  
1288.717 1308.721 1383.812 1434.781 1470.792 1621.922  
1638.873 1674.939 1765.934 1838.944 1951.964 1994.006  
2262.156 2501.251 2705.046

**Tolerance (mon)** 50.00 ppm

**Number of** 21

**Peptides**

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