

**ProFound - Search Result Summary**

Version 2002.03.01

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**Protein Candidates**

Rank	Probability	Est'd Z	Protein Information and Sequence Analyse Tools (T)	%	pI	kDa	R
1	1.0e+000	1.50	<a href="#">FTTSGH1661</a> 1524550 1524275 [-2 L= 276 r=-1.294] (FTT1472c 1524550 1524275 -) =====>ref NP_951880.1  peptidyl-prolyl cis-trans isomerase C [Geobacter sulfurreducens PCA] Score = 121 bits (303), Expect = 7e-27 =====>ref YP_170408.1  Peptidyl-prolyl cis-trans isomerase. [Francisella tularensis subsp. tularensis Schu 4] Score = 189 bits (481), Expect = 2e-47 =====>gb AAG33121.1  putative parvulin [Francisella philomiragia] Length = 92 Score = 186 bits (471), Expect = 2e-46	28	6.5	10.22	
2	3.0e-006	-	<a href="#">FTTSGH0218</a> 218746 218952 [+1 L= 207 r=-1.257] (FTT0201 218746 218919 +) =====>ref YP_204026.1  serine transporter [Vibrio fischeri ES114] gb AAW85138.1  serine transporter [Vibrio fischeri ES114] Score = 73.6 bits (179), Expect = 2e-12	12	9.9	7.46	
3	2.0e-006	-	<a href="#">FTTSGH0983</a> 890195 890554 [+2 L= 360 r=-1.253] (FTT0882 890183 890557 +) =====>gb AAC46167.1  pmi-like gene product [Methylobacterium extorquens] Length = 469 Score = 138 bits (348), Expect = 5e-32	6	5.5	14.00	
4	1.5e-006	-	<a href="#">FTTSGH2024</a> 1867191 1866796 [-1 L= 396 r=-1.207] (FTT1776 1867191 1866796 -) =====>ref YP_170665.1  hypothetical membrane protein [Francisella tularensis subsp. tularensis Schu 4] Score = 249 bits (637), Expect = 1e-65 =====>ref YP_170666.1  hypothetical membrane protein [Francisella tularensis subsp. tularensis Schu 4] Score = 73.2 bits (178), Expect = 2e-12	13	9.4	14.37	
5	1.5e-006	-	<a href="#">FTTSGH0569</a> 544186 544359 [+1 L= 174 r=-1.198] (FTT0521 543955 544362 +) =====>Hypothetical ORF FTTSGH569	12	9.8	6.83	
6	5.7e-007	-	<a href="#">FTTSGH0372</a> 348114 348467 [+3 L= 354 r=-1.312] (FTT0347 348114 348467 +) =====>ref NP_790495.1  ribosomal protein S13 [Pseudomonas syringae pv. tomato str. DC3000] gb AAO54190.1  ribosomal protein S13 [Pseudomonas syringae pv. tomato str. DC3000] Score =	7	11.3	13.36	

190 bits (482), Expect =  
1e-47====>ref|YP\_169396.1| 30S  
ribosomal protein S13 [Francisella tularensis  
subsp. tularensisSchu 4] Score = 237 bits  
(605), Expect = 7e-62

## NOTE:

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

**Input Summary**

**Search id** 20060404170200-1DBC-192168001107  
**Sequences** 2059  
**Date & Time** Tue Apr 04 22:02:01 2006 UTC (Search Time: 0.03 sec.)  
**Sample ID** Schu4 274  
**Database** schu2K [..\databases\schu2k]  
**Taxonomy** -  
**Mass Range** 0 - 15 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)** 882.501 936.488 975.228 1703.603 1835.620 1902.549 1940.923  
1956.880 1972.910  
**Tolerance (mon)** 30.00 ppm  
**Number of** 9  
**Peptides**

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