

SeqID: ompW

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	OuterMembrane	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	OuterMembrane	[matched
14548346: Outer membrane protein W precursor]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Non-Cytoplasmic	[Signal peptide
detected]		
Localization Scores:		
OuterMembrane	10.00	
Extracellular	0.00	
Periplasmic	0.00	
CytoplasmicMembrane	0.00	
Cytoplasmic	0.00	
Final Prediction:		
OuterMembrane	10.00	

SeqID: pgaC

Analysis Report:

CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	CytoplasmicMembrane	[3 internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched
2495587: Biofilm PGA synthesis N-glycosyltransferase pgaC]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		

Localization Scores:
 CytoplasmicMembrane 10.00
 Cytoplasmic 0.00
 Periplasmic 0.00
 Extracellular 0.00
 OuterMembrane 0.00
 Final Prediction:
 CytoplasmicMembrane 10.00

SeqID: prc
 Analysis Report:
 CMSVM- CytoplasmicMembrane [No details]
 CytoSVM- Cytoplasmic [No details]
 ECSVM- Unknown [No details]
 ModHMM- Unknown [No internal
 helices found]
 Motif- Unknown [No motifs
 found]
 OMPMotif- Unknown [No motifs
 found]
 OMSVM- Unknown [No details]
 PPSVM- Unknown [No details]
 Profile- Unknown [No matches to
 profiles found]
 SCL-BLAST- CytoplasmicMembrane [matched
 1172610: Tail-specific protease precursor]
 SCL-BLASTe- Unknown [No matches
 against database]
 Signal- Unknown [No signal
 peptide detected]
 Localization Scores:
 CytoplasmicMembrane 9.99
 Cytoplasmic 0.01
 Periplasmic 0.00
 Extracellular 0.00
 OuterMembrane 0.00
 Final Prediction:
 CytoplasmicMembrane 9.99

SeqID: murD
 Analysis Report:
 CMSVM- Unknown [No details]
 CytoSVM- Cytoplasmic [No details]
 ECSVM- Unknown [No details]
 ModHMM- Unknown [No internal
 helices found]
 Motif- Unknown [No motifs
 found]

OMP Motif found]	Unknown	[No motifs]
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched 127537:
UDP-N-acetylmuramoylalanine--D-glutamate ligase]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: glpR
Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMP Motif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15598779: glycerol-3-phosphate regulon repressor[Pseudomonas		
aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.26	
Periplasmic	0.48	
CytoplasmicMembrane	0.24	
OuterMembrane	0.01	
Extracellular	0.01	
Final Prediction:		
Cytoplasmic	9.26	

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SeqID: rfaC
Analysis Report:
  CMSVM-           Unknown           [No details]
  CytoSVM-        Cytoplasmic       [No details]
  ECSVM-          Unknown           [No details]
  ModHMM-         Unknown           [No internal
helices found]
  Motif-          Unknown           [No motifs
found]
  OMPMotif-       Unknown           [No motifs
found]
  OMSVM-          Unknown           [No details]
  PPSVM-          Unknown           [No details]
  Profile-        Unknown           [No matches to
profiles found]
  SCL-BLAST-      Cytoplasmic       [matched
15600204: heptosyltransferase I[Pseudomonas aeruginosa PA01]]
  SCL-BLASTe-     Unknown           [No matches
against database]
  Signal-         Unknown           [No signal
peptide detected]
Localization Scores:
  Cytoplasmic     9.97
  Periplasmic     0.01
  CytoplasmicMembrane 0.01
  Extracellular   0.00
  OuterMembrane   0.00
Final Prediction:
  Cytoplasmic     9.97
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SeqID: malP
Analysis Report:
  CMSVM-           Unknown           [No details]
  CytoSVM-        Cytoplasmic       [No details]
  ECSVM-          Unknown           [No details]
  ModHMM-         Unknown           [No internal
helices found]
  Motif-          Unknown           [No motifs
found]
  OMPMotif-       Unknown           [No motifs
found]
  OMSVM-          Unknown           [No details]
  PPSVM-          Unknown           [No details]
  Profile-        Unknown           [No matches to
profiles found]
  SCL-BLAST-      Cytoplasmic       [matched
15597340: glycogen phosphorylase[Pseudomonas aeruginosa PA01]]
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SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: malF

Analysis Report:		
CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	CytoplasmicMembrane	[6 internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched 126699:
Maltose transport system permease protein malF]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
CytoplasmicMembrane	10.00	
Cytoplasmic	0.00	
Periplasmic	0.00	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
CytoplasmicMembrane	10.00	

SeqID: malG

Analysis Report:		
CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]

ModHMM- helices found]	CytoplasmicMembrane	[6 internal
Motif- found]	Unknown	[No motifs
OMPMotif- found]	Unknown	[No motifs
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile- profiles found]	Unknown	[No matches to
SCL-BLAST-	CytoplasmicMembrane	[matched 126703:
Maltose transport system permease protein malG]		
SCL-BLASTe- against database]	Unknown	[No matches
Signal- peptide detected]	Unknown	[No signal
Localization Scores:		
CytoplasmicMembrane	10.00	
Cytoplasmic	0.00	
Periplasmic	0.00	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
CytoplasmicMembrane	10.00	

SeqID: brnQ

Analysis Report:		
CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM- helices found]	CytoplasmicMembrane	[12 internal
Motif- found]	Unknown	[No motifs
OMPMotif- found]	Unknown	[No motifs
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile- profiles found]	Unknown	[No matches to
SCL-BLAST-	CytoplasmicMembrane	[matched 115118:
Cytoplasmic membrane integral membrane protein]		
SCL-BLASTe- against database]	Unknown	[No matches
Signal- peptide detected]	Unknown	[No signal
Localization Scores:		
CytoplasmicMembrane	10.00	
Cytoplasmic	0.00	
Periplasmic	0.00	
Extracellular	0.00	

OuterMembrane 0.00
Final Prediction:
CytoplasmicMembrane 10.00

SeqID: rbsA

Analysis Report:

CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched 132119:
Ribose import ATP-binding protein rbsA]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
CytoplasmicMembrane	9.99	
Cytoplasmic	0.01	
Periplasmic	0.00	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
CytoplasmicMembrane	9.99	

SeqID: rbsB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to

profiles found]
 SCL-BLAST- Periplasmic [matched 132121:
 Periplasmic protein]
 SCL-BLASTe- Unknown [No matches
 against database]
 Signal- Non-Cytoplasmic [Signal peptide
 detected]
 Localization Scores:
 Periplasmic 9.76
 Extracellular 0.11
 CytoplasmicMembrane 0.06
 OuterMembrane 0.06
 Cytoplasmic 0.00
 Final Prediction:
 Periplasmic 9.76

SeqID: exbB
 Analysis Report:
 CMSVM- CytoplasmicMembrane [No details]
 CytoSVM- Unknown [No details]
 ECSVM- Unknown [No details]
 ModHMM- CytoplasmicMembrane [3 internal
 helices found]
 Motif- Unknown [No motifs
 found]
 OMPMotif- Unknown [No motifs
 found]
 OMSVM- Unknown [No details]
 PPSVM- Unknown [No details]
 Profile- Unknown [No matches to
 profiles found]
 SCL-BLAST- CytoplasmicMembrane [matched
 3913615: Biopolymer transport exbB protein]
 SCL-BLASTe- Unknown [No matches
 against database]
 Signal- Unknown [No signal
 peptide detected]
 Localization Scores:
 CytoplasmicMembrane 10.00
 Cytoplasmic 0.00
 Periplasmic 0.00
 Extracellular 0.00
 OuterMembrane 0.00
 Final Prediction:
 CytoplasmicMembrane 10.00

SeqID: exbD
 Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[1 internal
helix found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched
1729994: Cytoplasmic membrane integral membrane protein]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
CytoplasmicMembrane	9.82	
Cytoplasmic	0.15	
OuterMembrane	0.01	
Periplasmic	0.01	
Extracellular	0.01	
Final Prediction:		
CytoplasmicMembrane	9.82	

SeqID: secB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
1173413: Protein-export protein secB]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	

Periplasmic	0.01
CytoplasmicMembrane	0.01
Extracellular	0.00
OuterMembrane	0.00
Final Prediction:	
Cytoplasmic	9.97

SeqID: tatB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[1 internal
helix found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched
60415953: Sec-independent protein translocase protein tatB]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
CytoplasmicMembrane	9.82	
Cytoplasmic	0.15	
OuterMembrane	0.01	
Periplasmic	0.01	
Extracellular	0.01	
Final Prediction:		
CytoplasmicMembrane	9.82	

SeqID: dnaK

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		

OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
67462334: Chaperone protein dnaK]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: aspA

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
39932723: Cytoplasmic protein]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: lpdA
 Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
1169352: Dihydrolipoyl dehydrogenase]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: purF
 Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
62297827: Glucosamine--fructose-6-phosphate aminotransferase		
[isomerizing]]		
SCL-BLASTe-	Unknown	[No matches
against database]		

Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: guaB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15598965: inosine-5'-monophosphate dehydrogenase [Pseudomonas		
aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: atpG

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal

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helices found]
  Motif-          Unknown          [No motifs
found]
  OMPMotif-      Unknown          [No motifs
found]
  OMSVM-         Unknown          [No details]
  PPSVM-         Unknown          [No details]
  Profile-       Unknown          [No matches to
profiles found]
  SCL-BLAST-     Cytoplasmic, CytoplasmicMembrane[matched
81175157: NADH-quinone oxidoreductase subunit 9]
  SCL-BLASTe-    Unknown          [No matches
against database]
  Signal-        Unknown          [No signal
peptide detected]
  Localization Scores:
    Cytoplasmic          9.12
    CytoplasmicMembrane 0.88
    Periplasmic          0.00
    Extracellular        0.00
    OuterMembrane       0.00
  Final Prediction:
    Cytoplasmic (This protein may have multiple localization sites.)
9.12

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SeqID: atpH
  Analysis Report:
    CMSVM-        Unknown          [No details]
    CytoSVM-      Unknown          [No details]
    ECSVM-        Unknown          [No details]
    ModHMM-       Unknown          [No internal
helices found]
  Motif-          Unknown          [No motifs
found]
  OMPMotif-      Unknown          [No motifs
found]
  OMSVM-         Unknown          [No details]
  PPSVM-         Unknown          [No details]
  Profile-       Unknown          [No matches to
profiles found]
  SCL-BLAST-     Cytoplasmic          [matched 114580:
Cytoplasmic protein]
  SCL-BLASTe-    Unknown          [No matches
against database]
  Signal-        Unknown          [No signal
peptide detected]
  Localization Scores:
    Cytoplasmic          9.26
    Periplasmic          0.48
    CytoplasmicMembrane 0.24
    OuterMembrane       0.01

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Extracellular	0.01
Final Prediction:	
Cytoplasmic	9.26

SeqID: moaA

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15596702: molybdopterin biosynthetic protein A2 [Pseudomonas		
aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: moaE

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]

Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15599111: molybdopterin converting factor, large subunit[Pseudomonas		
aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.26	
Periplasmic	0.48	
CytoplasmicMembrane	0.24	
OuterMembrane	0.01	
Extracellular	0.01	
Final Prediction:		
Cytoplasmic	9.26	

SeqID: dmsA
Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic, CytoplasmicMembrane	[matched
9911072: Anaerobic dimethyl sulfoxide reductase chain A precursor		
(DMSO reductase)]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Non-Cytoplasmic	[Signal peptide
detected]		
Localization Scores:		
CytoplasmicMembrane	9.98	
Periplasmic	0.02	
OuterMembrane	0.00	
Extracellular	0.00	
Cytoplasmic	0.00	
Final Prediction:		
CytoplasmicMembrane (This protein may have multiple localization		
sites.) 9.98		

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SeqID: nrfA
Analysis Report:
  CMSVM-           Unknown           [No details]
  CytoSVM-        Cytoplasmic       [No details]
  ECSVM-          Unknown           [No details]
  ModHMM-         Unknown           [No internal
helices found]
  Motif-          Unknown           [No motifs
found]
  OMPMotif-       Unknown           [No motifs
found]
  OMSVM-          Unknown           [No details]
  PPSVM-          Periplasmic       [No details]
  Profile-        Unknown           [No matches to
profiles found]
  SCL-BLAST-      Periplasmic       [matched 417374:
Periplasmic protein]
  SCL-BLASTe-     Unknown           [No matches
against database]
  Signal-         Non-Cytoplasmic   [Signal peptide
detected]
Localization Scores:
  Periplasmic      10.00
  Extracellular    0.00
  CytoplasmicMembrane 0.00
  OuterMembrane   0.00
  Cytoplasmic     0.00
Final Prediction:
  Periplasmic      10.00
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SeqID: nrfB
Analysis Report:
  CMSVM-           Unknown           [No details]
  CytoSVM-        Unknown           [No details]
  ECSVM-          Unknown           [No details]
  ModHMM-         Unknown           [1 internal
helix found]
  Motif-          Unknown           [No motifs
found]
  OMPMotif-       Unknown           [No motifs
found]
  OMSVM-          Unknown           [No details]
  PPSVM-          Periplasmic       [No details]
  Profile-        Unknown           [No matches to
profiles found]
  SCL-BLAST-      Unknown           [No matches
against database]
  SCL-BLASTe-     Unknown           [No matches
against database]

```

Signal-	Non-Cytoplasmic	[Signal peptide
detected]		
Localization Scores:		
Periplasmic	9.84	
Extracellular	0.14	
CytoplasmicMembrane	0.01	
OuterMembrane	0.01	
Cytoplasmic	0.00	
Final Prediction:		
Periplasmic	9.84	

SeqID: napB
Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Periplasmic	[matched
81170968: Diheme cytochrome c napB precursor]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Non-Cytoplasmic	[Signal peptide
detected]		
Localization Scores:		
Periplasmic	9.76	
Extracellular	0.11	
CytoplasmicMembrane	0.06	
OuterMembrane	0.06	
Cytoplasmic	0.00	
Final Prediction:		
Periplasmic	9.76	

SeqID: lldD
Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		

Motif- found]	Unknown	[No motifs
OMPMotif- found]	Unknown	[No motifs
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile- profiles found]	Unknown	[No matches to
SCL-BLAST- 15599965: L-lactate dehydrogenase[Pseudomonas aeruginosa PA01]]	Cytoplasmic	[matched
SCL-BLASTe- against database]	Unknown	[No matches
Signal- peptide detected]	Unknown	[No signal
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: hybB

Analysis Report:

CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM- helices found]	CytoplasmicMembrane	[10 internal
Motif- found]	Unknown	[No motifs
OMPMotif- found]	Unknown	[No motifs
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile- profiles found]	Unknown	[No matches to
SCL-BLAST- 34395961: Probable Ni/Fe-hydrogenase 2 b-type cytochrome subunit]	CytoplasmicMembrane	[matched
SCL-BLASTe- against database]	Unknown	[No matches
Signal- peptide detected]	Unknown	[No signal
Localization Scores:		
CytoplasmicMembrane	10.00	
Cytoplasmic	0.00	
Periplasmic	0.00	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		

CytoplasmicMembrane 10.00

SeqID: frdA

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[1 internal
helix found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15595958: L-aspartate oxidase[Pseudomonas aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: frdB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched 118615:

Succinate dehydrogenase iron-sulfur subunit]
 SCL-BLASTe- Unknown [No matches
 against database]
 Signal- Unknown [No signal
 peptide detected]
 Localization Scores:
 CytoplasmicMembrane 9.82
 Cytoplasmic 0.15
 OuterMembrane 0.01
 Periplasmic 0.01
 Extracellular 0.01
 Final Prediction:
 CytoplasmicMembrane 9.82

SeqID: frdC
 Analysis Report:
 CMSVM- CytoplasmicMembrane [No details]
 CytoSVM- Unknown [No details]
 ECSVM- Unknown [No details]
 ModHMM- CytoplasmicMembrane [3 internal
 helices found]
 Motif- Unknown [No motifs
 found]
 OMPMotif- Unknown [No motifs
 found]
 OMSVM- Unknown [No details]
 PPSVM- Unknown [No details]
 Profile- Unknown [No matches to
 profiles found]
 SCL-BLAST- CytoplasmicMembrane [matched
 1346037: Cytoplasmic membrane integral membrane protein]
 SCL-BLASTe- Unknown [No matches
 against database]
 Signal- Unknown [No signal
 peptide detected]
 Localization Scores:
 CytoplasmicMembrane 10.00
 Cytoplasmic 0.00
 Periplasmic 0.00
 Extracellular 0.00
 OuterMembrane 0.00
 Final Prediction:
 CytoplasmicMembrane 10.00

SeqID: frdD
 Analysis Report:
 CMSVM- CytoplasmicMembrane [No details]
 CytoSVM- Unknown [No details]

ECSVM-	Unknown	[No details]
ModHMM-	CytoplasmicMembrane	[3 internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched 120498:
Cytoplasmic membrane integral membrane protein]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
CytoplasmicMembrane	10.00	
Cytoplasmic	0.00	
Periplasmic	0.00	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
CytoplasmicMembrane	10.00	

SeqID: hemA

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched 122819:
Cytoplasmic protein]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	

Extracellular	0.00
OuterMembrane	0.00
Final Prediction:	
Cytoplasmic	9.97

SeqID: hemB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15600436: delta-aminolevulinic acid dehydratase[Pseudomonas		
aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: dsb

Analysis Report:

CMSVM-	CytoplasmicMembrane	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	CytoplasmicMembrane	[9 internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]

PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	CytoplasmicMembrane	[matched
14286131: Cytoplasmic membrane integral membrane protein]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Non-Cytoplasmic	[Signal peptide
detected]		
Localization Scores:		
CytoplasmicMembrane	10.00	
Periplasmic	0.00	
Extracellular	0.00	
OuterMembrane	0.00	
Cytoplasmic	0.00	
Final Prediction:		
CytoplasmicMembrane	10.00	

SeqID: ureA
Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched 137069:
Urease alpha subunit]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.26	
Periplasmic	0.48	
CytoplasmicMembrane	0.24	
OuterMembrane	0.01	
Extracellular	0.01	
Final Prediction:		
Cytoplasmic	9.26	

SeqID: ureB

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched 137069:
Urease alpha subunit]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

SeqID: ureC

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15600061: urease alpha subunit[Pseudomonas aeruginosa PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		

Localization Scores:
 Cytoplasmic 9.97
 Periplasmic 0.01
 CytoplasmicMembrane 0.01
 Extracellular 0.00
 OuterMembrane 0.00
 Final Prediction:
 Cytoplasmic 9.97

SeqID: ureE

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPMotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
7388358: Urease accessory protein ureE]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		

Localization Scores:

Cytoplasmic	9.97
Periplasmic	0.01
CytoplasmicMembrane	0.01
Extracellular	0.00
OuterMembrane	0.00
Final Prediction:	
Cytoplasmic	9.97

SeqID: ureF

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Unknown	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		

OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Unknown	[No matches
against database]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
CytoplasmicMembrane	2.00	
Cytoplasmic	2.00	
OuterMembrane	2.00	
Periplasmic	2.00	
Extracellular	2.00	
Final Prediction:		
Unknown		

SeqID: ureG

Analysis Report:

CMSVM-	Unknown	[No details]
CytoSVM-	Cytoplasmic	[No details]
ECSVM-	Unknown	[No details]
ModHMM-	Unknown	[No internal
helices found]		
Motif-	Unknown	[No motifs
found]		
OMPmotif-	Unknown	[No motifs
found]		
OMSVM-	Unknown	[No details]
PPSVM-	Unknown	[No details]
Profile-	Unknown	[No matches to
profiles found]		
SCL-BLAST-	Cytoplasmic	[matched
15600086: urease accessory protein UreG[Pseudomonas aeruginosa		
PA01]]		
SCL-BLASTe-	Unknown	[No matches
against database]		
Signal-	Unknown	[No signal
peptide detected]		
Localization Scores:		
Cytoplasmic	9.97	
Periplasmic	0.01	
CytoplasmicMembrane	0.01	
Extracellular	0.00	
OuterMembrane	0.00	
Final Prediction:		
Cytoplasmic	9.97	

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SeqID: ureH
Analysis Report:
  CMSVM-           Unknown           [No details]
  CytoSVM-        Unknown           [No details]
  ECSVM-          Unknown           [No details]
  ModHMM-         Unknown           [No internal
helices found]
  Motif-          Unknown           [No motifs
found]
  OMPMotif-      Unknown           [No motifs
found]
  OMSVM-          Unknown           [No details]
  PPSVM-          Unknown           [No details]
  Profile-        Unknown           [No matches to
profiles found]
  SCL-BLAST-     Unknown           [No matches
against database]
  SCL-BLASTe-    Unknown           [No matches
against database]
  Signal-        Unknown           [No signal
peptide detected]
Localization Scores:
  CytoplasmicMembrane  2.00
  Cytoplasmic          2.00
  OuterMembrane        2.00
  Periplasmic          2.00
  Extracellular        2.00
Final Prediction:
  Unknown

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SeqID: ccmH
Analysis Report:
  CMSVM-           CytoplasmicMembrane [No details]
  CytoSVM-        Unknown           [No details]
  ECSVM-          Unknown           [No details]
  ModHMM-         Unknown           [1 internal
helix found]
  Motif-          Unknown           [No motifs
found]
  OMPMotif-      Unknown           [No motifs
found]
  OMSVM-          Unknown           [No details]
  PPSVM-          Unknown           [No details]
  Profile-        Unknown           [No matches to
profiles found]
  SCL-BLAST-     CytoplasmicMembrane [matched
81175234: Cytochrome c-type biogenesis protein ccmH precursor]

```

SCL-BLASTe-
against database]
Signal-
detected]

Unknown
Non-Cytoplasmic

[No matches
[Signal peptide

Localization Scores:

CytoplasmicMembrane	10.00
Periplasmic	0.00
OuterMembrane	0.00
Extracellular	0.00
Cytoplasmic	0.00

Final Prediction:

CytoplasmicMembrane	10.00
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