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Translation, ribosomal structure and biogenesis!!!Translation, ribosomal structure and biogenesis!!!General function prediction only
  ranslation, ribosomal structure and biogenesis!!!Translation, ribosomal structure and biogenesis
  Translation, ribosomal structure and biogenesis!!!Posttranslational modification, protein turnover, chaperones
  Franslation, ribosomal structure and biogenesis!!!Nucleotide transport and metabolism
  Franslation, ribosomal structure and biogenesis!!!Defense mechanisms
  Franslation, ribosomal structure and biogenesis
  Franscription!!!Translation, ribosomal structure and biogenesis
  Franscription!!!Signal transduction mechanisms
  Transcription!!!Replication, recombination and repair!!!Replication, recombination and repair Transcription!!!Replication, recombination and repair!!!Lipid transport and metabolism!!!Function unknown
  ranscription!!!Replication, recombination and repair
  Franscription!!!General function prediction only
  Transcription!!!Function unknown
  Franscription!!!Defense mechanisms
  ranscription!!!Cell motility
  Franscription!!!Amino acid transport and metabolism
  Transcription
  Signal transduction mechanisms!!!Transcription!!!Signal transduction mechanisms
  Signal transduction mechanisms!!!Transcription
  Signal transduction mechanisms!!!Signal transduction mechanisms!!!Signal transduction mechanisms
Signal transduction mechanisms!!!Signal transduction mechanisms
 Signal transduction mechanisms!!!Inorganic ion transport and metabolism Signal transduction mechanisms!!!Function unknown
   gnal transduction mechanisms!!!Energy production and conversion
  Signal transduction mechanisms!!!Cell motility!!!Intracellular trafficking, secretion, and vesicular transport
   ignal transduction mechanisms!!!Carbohydrate transport and metabolism
  Signal transduction mechanisms!!!Amino acid transport and metabolism
  Signal transduction mechanisms
  Secondary metabolites biosynthesis, transport and catabolism
 Replication, recombination and repair!!!Transcription
 Replication, recombination and repair!!!Replication, recombination and repair
 Replication, recombination and repair
  Posttranslational modification, protein turnover, chaperones!!!Transcription
 Posttranslational modification, protein turnover, chaperones!!!Posttranslational modification, protein turnover, chaperones
 Posttranslational modification, protein turnover, chaperones!!!Inorganic ion transport and metabolism
 Posttranslational modification, protein turnover, chaperones!!!General function prediction only
 Posttranslational modification, protein turnover, chaperones!!!Defense mechanisms
 Posttranslational modification, protein turnover, chaperones!!!Cell wall/membrane/envelope biogenesis
 Posttranslational modification, protein turnover, chaperones!!!Amino acid transport and metabolism
 Posttranslational modification, protein turnover, chaperones
 Nucleotide transport and metabolism!!!Translation, ribosomal structure and biogenesis
Nucleotide transport and metabolism!!!Signal transduction mechanisms
 Nucleotide transport and metabolism!!!Nucleotide transport and metabolism
Nucleotide transport and metabolism!!!General function prediction only
Nucleotide transport and metabolism!!!Defense mechanisms
Nucleotide transport and metabolism!!!Coenzyme transport and metabolism
 Nucleotide transport and metabolism!!!Cell wall/membrane/envelope biogenesis
Nucleotide transport and metabolism
Mobilome: prophages, transposons!!!Mobilome: prophages, transposons
 Mobilome: prophages, transposons!!!Function unknown
 Mobilome: prophages, transposons
Lipid transport and metabolism!!!Secondary metabolites biosynthesis, transport and catabolism
Lipid transport and metabolism!!!Lipid transport and metabolism
Lipid transport and metabolism!!!General function prediction only!!!General function prediction only
 Lipid transport and metabolism!!!General function prediction only
 Lipid transport and metabolism!!!Energy production and conversion
 Lipid transport and metabolism
 Intracellular trafficking, secretion, and vesicular transport!!!Mobilome: prophages, transposons!!!General function prediction only
Intracellular trafficking, secretion, and vesicular transport!!!Extracellular structures
 Intracellular trafficking, secretion, and vesicular transport
Inorganic ion transport and metabolism!!!Signal transduction mechanisms!!!Amino acid transport and metabolism
Inorganic ion transport and metabolism!!!Signal transduction mechanisms
 Inorganic ion transport and metabolism!!!Inorganic ion transport and metabolism
 Inorganic ion transport and metabolism!!!General function prediction only
Inorganic ion transport and metabolism!!!Energy production and conversion
 Inorganic ion transport and metabolism!!!Coenzyme transport and metabolism
Inorganic ion transport and metabolism!!!Carbohydrate transport and metabolism!!!Signal transduction mechanisms
Inorganic ion transport and metabolism!!!Carbohydrate transport and metabolism
Inorganic ion transport and metabolism
General function prediction only!!!Signal transduction mechanisms
General function prediction only!!!General function prediction only
General function prediction only!!!Function unknown
General function prediction only
Function unknown
Energy production and conversion!!!Signal transduction mechanisms
 Energy production and conversion!!!Posttranslational modification, protein turnover, chaperones
 Energy production and conversion!!!Lipid transport and metabolism!!!General function prediction only
 Energy production and conversion!!!General function prediction only
Energy production and conversion!!!Function unknown
Energy production and conversion!!!Energy production and conversion
Energy production and conversion!!!Coenzyme transport and metabolism!!!General function prediction only
Energy production and conversion!!!Amino acid transport and metabolism
Energy production and conversion
 Defense mechanisms!!!Transcription!!!Replication, recombination and repair
 Defense mechanisms!!!Function unknown
 Defense mechanisms
 Cytoskeleton
                     rt and metabolism!!!Translation, ribosomal structure and biogenesis
  Coenzyme transport and metabolism!!!Transcription
 Coenzyme transport and metabolism!!!Signal transduction mechanisms!!!General function prediction only
 Coenzyme transport and metabolism!!!Posttranslational modification, protein turnover, chaperones
 Coenzyme transport and metabolism!!!Lipid transport and metabolism
 Coenzyme transport and metabolism!!!General function prediction only
 Coenzyme transport and metabolism!!!Energy production and conversion
Coenzyme transport and metabolism!!!Coenzyme transport and metabolism
Coenzyme transport and metabolism!!!Coenzyme transport and metabolism
Coenzyme transport and metabolism!!!Cell wall/membrane/envelope biogenesis!!!Lipid transport and metabolism
Coenzyme transport and metabolism!!!Amino acid transport and metabolism!!!Signal transduction mechanisms
 Coenzyme transport and metabolism!!!Amino acid transport and metabolism
 Coenzyme transport and metabolism
Cell wall/membrane/envelope biogenesis!!!Posttranslational modification, protein turnover, chaperones!!!Cell wall/membrane/envelope biogenesis!!!Posttranslational modification, protein turnover, chaperones
Cell wall/membrane/envelope biogenesis!!!Mobilome: prophages, transposons
Cell wall/membrane/envelope biogenesis!!!Ideal translational modification, protein turnover, chaperones
Cell wall/membrane/envelope biogenesis!!!Ideal translational modification, protein turnover, chaperones
 Cell wall/membrane/envelope biogenesis!!!Lipid transport and metabolism
 Cell wall/membrane/envelope biogenesis!!!Intracellular trafficking, secretion, and vesicular transport
 Cell wall/membrane/envelope biogenesis!!!Inorganic ion transport and metabolism
 Cell wall/membrane/envelope biogenesis!!!General function prediction only
 Cell wall/membrane/envelope biogenesis!!!Defense mechanisms
 Cell wall/membrane/envelope biogenesis!!!Coenzyme transport and metabolism!!!Cell wall/membrane/envelope biogenesis
 Cell wall/membrane/envelope biogenesis!!!Cell wall/membrane/envelope biogenesis
 Cell wall/membrane/envelope biogenesis!!!Cell motility
 Cell wall/membrane/envelope biogenesis!!!Cell cycle control, cell division, chromosome partitioning!!!Signal transduction mechanisms
 Cell wall/membrane/envelope biogenesis!!!Cell cycle control, cell division, chromosome partitioning
 Cell wall/membrane/envelope biogenesis
 Cell motility!!!Intracellular trafficking, secretion, and vesicular transport
 Cell motility!!!Extracellular structures!!!Energy production and conversion!!!Posttranslational modification, protein turnover, chaperones
 Cell motility!!!Extracellular structures!!!Cell motility!!!Extracellular structures
 Cell motility!!!Extracellular structures
 Cell motility
 Cell cycle control, cell division, chromosome partitioning!!!Replication, recombination and repair
 Cell cycle control, cell division, chromosome partitioning!!!Lipid transport and metabolism
 Cell cycle control, cell division, chromosome partitioning!!!Inorganic ion transport and metabolism
 Cell cycle control, cell division, chromosome partitioning!!!General function prediction only
 Cell cycle control, cell division, chromosome partitioning!!!Cytoskeleton
 Cell cycle control, cell division, chromosome partitioning!!!Coenzyme transport and metabolism
 Cell cýcle control, cell division, chromosome partitioning!!!Cell wall/membrane/envelope biogenesis
 Cell cycle control, cell division, chromosome partitioning!!!Cell motility
 Cell cvcle control, cell division, chromosome partitioning
 Carbohydrate transport and metabolism!!!Signal transduction mechanisms
Carbohydrate transport and metabolism!!!Lipid transport and metabolism
 Carbohydrate transport and metabolism!!!Cell wall/membrane/envelope biogenesis
 Carbohydrate transport and metabolism!!!Amino acid transport and metabolism!!!General function prediction only
 Carbohydrate transport and metabolism
 Amino acid transport and metabolism!!!Signal transduction mechanisms
 Amino acid transport and metabolism!!!Nucleotide transport and metabolism
 Amino acid transport and metabolism!!!Inorganic ion transport and metabolism!!!Amino acid transport and metabolism!!!Inorganic ion transport and metabolism
 Amino acid transport and metabolism!!!Inorganic ion transport and metabolism
 Amino acid transport and metabolism!!!General function prediction only
 Amino acid transport and metabolism!!!Coenzyme transport and metabolism!!!Energy production and conversion
 Amino acid transport and metabolism!!!Coenzyme transport and metabolism
  Amino acid transport and metabolism!!!Cell wall/membrane/envelope biogenesis
 Amino acid transport and metabolism!!!Carbohydrate transport and metabolism
 Amino acid transport and metabolism!!!Amino acid transport and metabolism!!!Signal transduction mechanisms
 Amino acid transport and metabolism!!!Amino acid transport and metabolism!!!Nucleotide transport and metabolism
  Amino acid transport and metabolism!!!Amino acid transport and metabolism!!!Amino acid transport and metabolism
 Amino acid transport and metabolism!!!Amino acid transport and metabolism
  Amino acid transport and metabolism
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