

Pathway Features

Phage-related lysozyme (muramidase), GH24 family
Heme-binding membrane subunit of periplasmic DMSO/TMAO and protein-methionine-sulfoxide reductases
GDP-D-mannose dehydratase
Mg/Co/Ni transporter MgtE (contains CBS domain)
Phosphohistidine phosphatase SixA
Branched-chain amino acid transport protein AzlD
Phosphoribosyl-AMP cyclohydrolase
Uncharacterized protein, UPF0437 family
Predicted alternative tryptophan synthase beta-subunit (paralog of TrpB)
Fatty-acid desaturase
Replication-associated recombination protein RarA (DNA-dependent ATPase)
Uncharacterized conserved protein YyaL, SSP411 family, contains thioiredoxin and six-hairpin glycosidase-like domains
Fumarate reductase subunit D
Proteasome lid subunit RPN8/RPN11, contains Jab1/MPN domain metalloenzyme (JAMM) motif
Ribosomal protein L35
AAA+-type ATPase, SpoVK/Ycf46/Vps4 family
Cytosine/uracil/thiamine/allantoin permease
Fido, protein-threonine AMPylation domain
Ubiquitin C-terminal hydrolase
Recombinational DNA repair protein RecT
Predicted component of the type VI protein secretion system, contains a FHA domain
Uncharacterized conserved protein YecA, UPF0149 family, contains C-terminal Zn-binding SEC-C motif
Cell wall assembly regulator SMI1 (Killer toxin-resistance protein 4)
6-phosphofructokinase
Oxalate decarboxylase/archaeal phosphoglucose isomerase, cupin superfamily
Ribosomal protein L36
Primosomal protein N' (replication factor Y) - superfamily II helicase
Type II restriction/modification system, endonuclease and methylase domains
Uncharacterized conserved protein YybS, DUF2232 family
Sugar-specific transcriptional regulator TrmB
Plasmid stability protein StbC1, contains ribbon-helix-helix domain
Predicted ATPase domain of Cch-like helicases, DUF927 family
AICAR transformylase/IMP cyclohydrolase PurH
Glutamyl- or glutaminyl-tRNA synthetase
Predicted metalloprotease, contains C-terminal PDZ domain
Coproporphyrinogen-III oxidase HemN (oxygen-independent) or related Fe-S oxidoreductase
Magnesium-transporting ATPase (P-type)
Type IV pilus assembly protein, tip-associated adhesin PilY1
Uncharacterized conserved protein YfbU, UPF0304 family
Succinate-acetate transporter SatP
Flagellar motor switch/type III secretory pathway protein FliN
Lipid carrier protein ElyC involved in cell wall biogenesis, DUF218 family
Recombinational DNA repair protein (RAD52 pathway)
Mannosyltransferase OCH1 or related enzyme
Lipoprotein Nlpl, contains TPR repeats
Uncharacterized protein RhuM, Salmonella virulence factor
Uncharacterized conserved protein, DUF1272 domain
Endogenous inhibitor of DNA gyrase, YacG/DUF329 family
Uncharacterized conserved protein, DUF2213 domain
Pyruvoyl-dependent arginine decarboxylase

