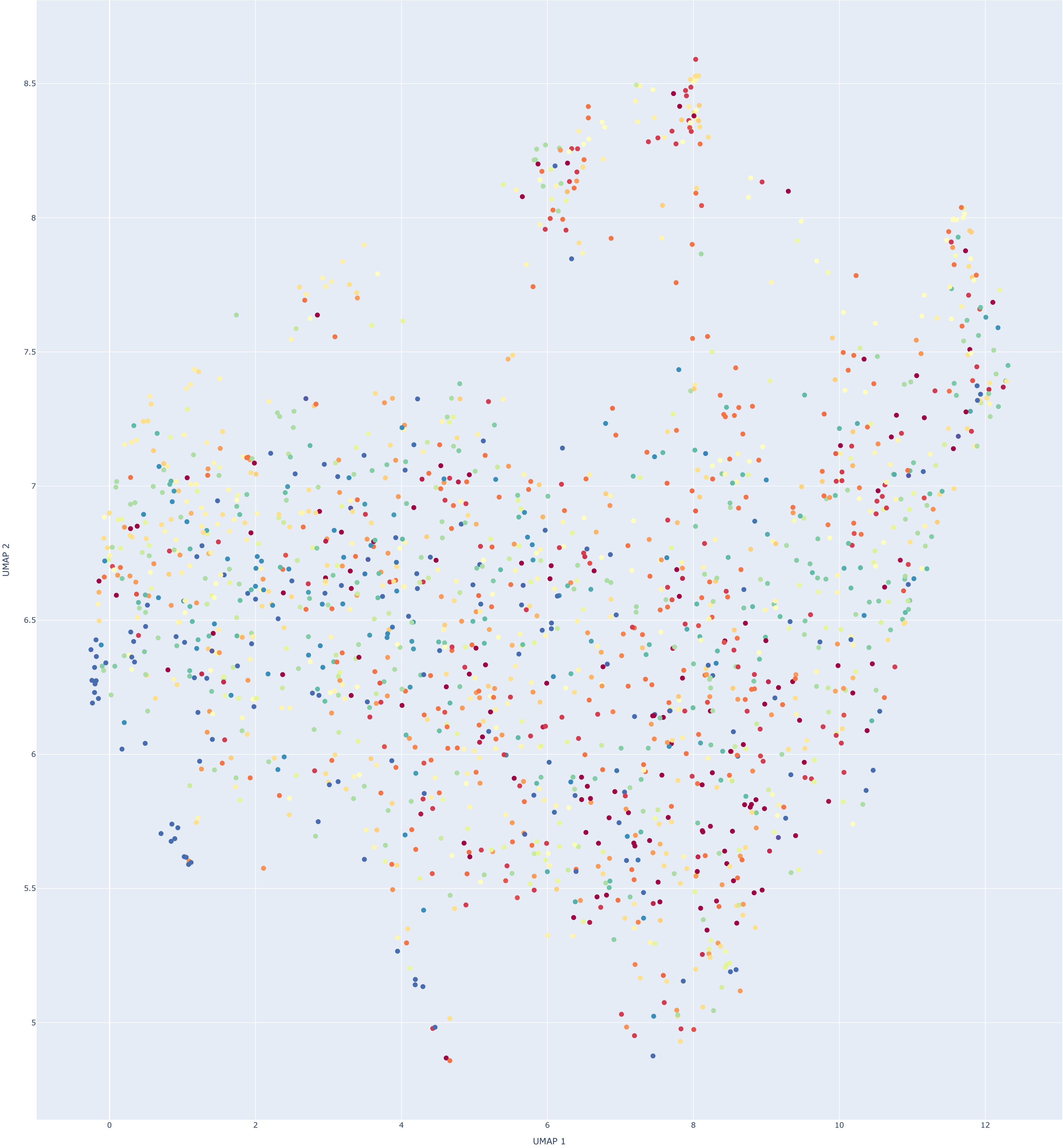


UMAP of GCA\_020347545\_1, source:COG20\_CATEGORY



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