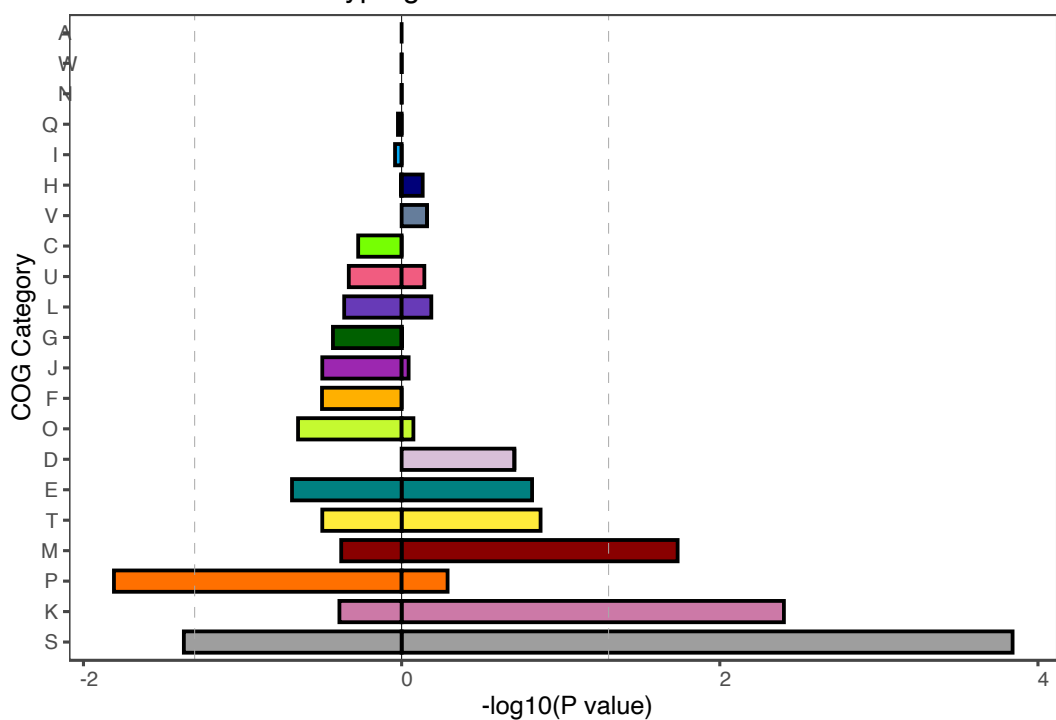


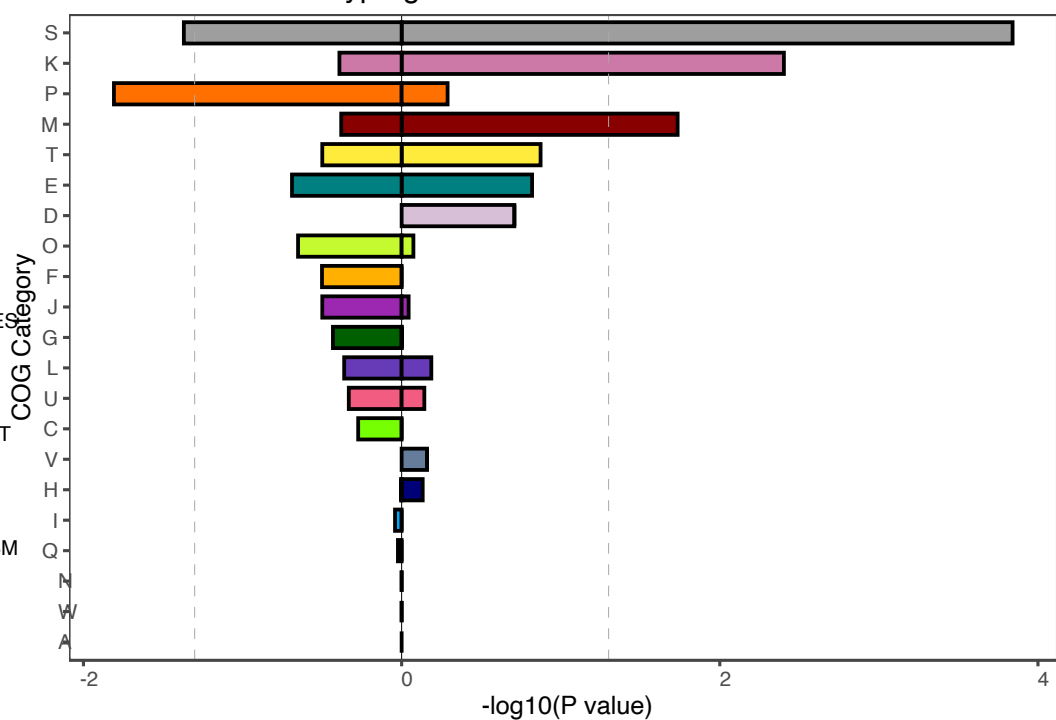
COG Enrichment: Hypergeometric P-value



COG Functional Family

- S - FUNCTION UNKNOWN
- K - TRANSCRIPTION
- P - INORGANIC ION TRANSPORT AND METABOLISM
- M - CELL WALL/MEMBRANE/ENVELOPE BIOGENESIS
- T - SIGNAL TRANSDUCTION MECHANISMS
- E - AMINO ACID TRANSPORT AND METABOLISM
- D - CELL CYCLE CONTROL, CELL DIVISION, CHROMOSOME PARTITIONING
- O - POSTTRANSLATIONAL MODIFICATION, PROTEIN TURNOVER, CHAPERONES
- F - NUCLEOTIDE TRANSPORT AND METABOLISM
- J - TRANSLATION, RIBOSOMAL STRUCTURE AND BIOGENESIS
- G - CARBOHYDRATE TRANSPORT AND METABOLISM
- L - REPLICATION, RECOMBINATION AND REPAIR
- U - INTRACELLULAR TRAFFICKING, SECRETION, AND VESICULAR TRANSPORT
- C - ENERGY PRODUCTION AND CONVERSION
- V - DEFENSE MECHANISMS
- H - COENZYME TRANSPORT AND METABOLISM
- I - LIPID TRANSPORT AND METABOLISM
- Q - SECONDARY METABOLITES BIOSYNTHESIS, TRANSPORT AND CATABOLISM

COG Enrichment: Hypergeometric P-value



COG Functional Family

- Q - SECONDARY METABOLITES BIOSYNTHESIS, TRANSPORT AND CATABOLISM
- I - LIPID TRANSPORT AND METABOLISM
- H - COENZYME TRANSPORT AND METABOLISM
- V - DEFENSE MECHANISMS
- C - ENERGY PRODUCTION AND CONVERSION
- U - INTRACELLULAR TRAFFICKING, SECRETION, AND VESICULAR TRANSPORT
- L - REPLICATION, RECOMBINATION AND REPAIR
- G - CARBOHYDRATE TRANSPORT AND METABOLISM
- J - TRANSLATION, RIBOSOMAL STRUCTURE AND BIOGENESIS
- F - NUCLEOTIDE TRANSPORT AND METABOLISM
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- T - SIGNAL TRANSDUCTION MECHANISMS
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- K - TRANSCRIPTION
- S - FUNCTION UNKNOWN