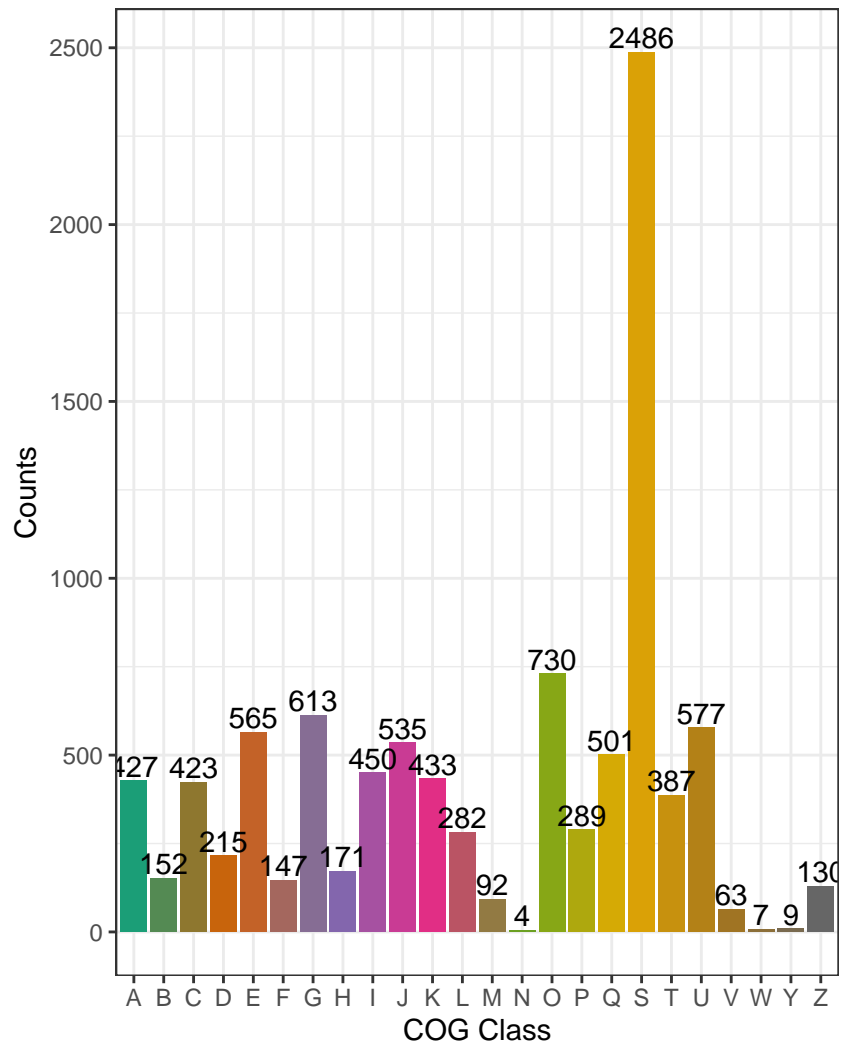
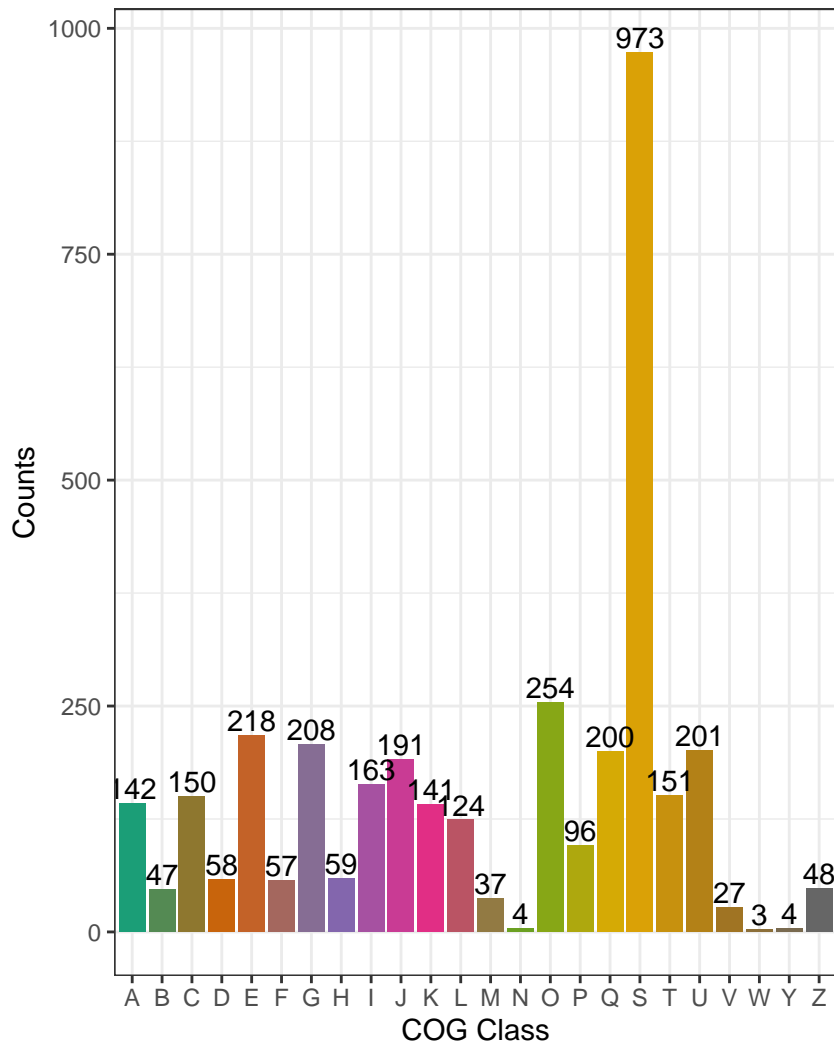


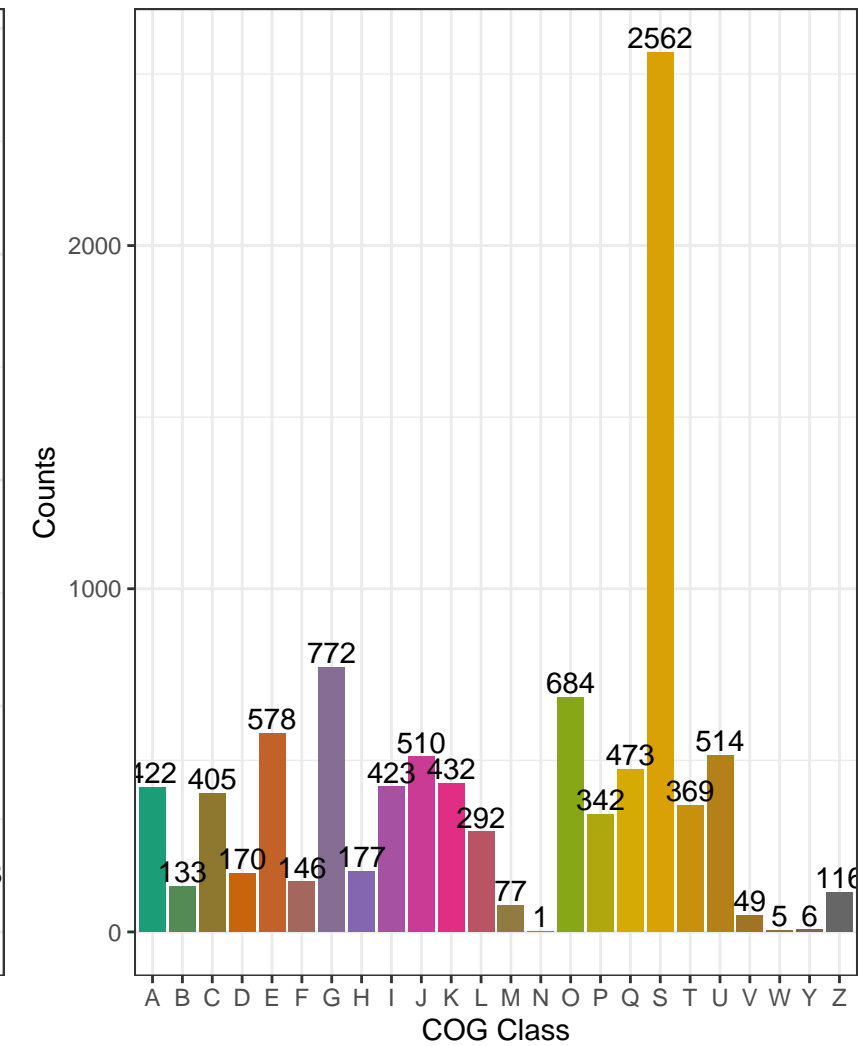
A COG Results of *Friedmanniomyces endolithicus*
Duplicated Genes



B COG Results of *Friedmanniomyces simplex*
Duplicated Genes



C COG Results of *Hortaea werneckii*
Duplicated Genes



COG

- A:(A) RNA processing and modification
- B:(B) Chromatin structure and dynamics
- C:(C) Energy production and conversion
- D:(D) Cell cycle control, cell division, chromosome partitioning
- E:(E) Amino acid transport and metabolism
- F:(F) Nucleotide transport and metabolism
- G:(G) Carbohydrate transport and metabolism
- H:(H) Coenzyme transport and metabolism
- I:(I) Lipid transport and metabolism
- J:(J) Translation, ribosomal structure and biogenesis
- K:(K) Transcription
- L:(L) Replication, recombination and repair
- M:(M) Cell wall/membrane/envelope biogenesis
- N:(N) Cell motility
- O:(O) Posttranslational modification, protein turnover, chaperones
- P:(P) Inorganic ion transport and metabolism
- Q:(Q) Secondary metabolites biosynthesis, transport and catabolism
- S:(S) Function unknown
- T:(T) Signal transduction mechanisms
- U:(U) Intracellular trafficking, secretion, and vesicular transport
- V:(V) Defense mechanisms
- W:(W) Extracellular structures
- Y:(Y) Nuclear structure
- Z:(Z) Cytoskeleton