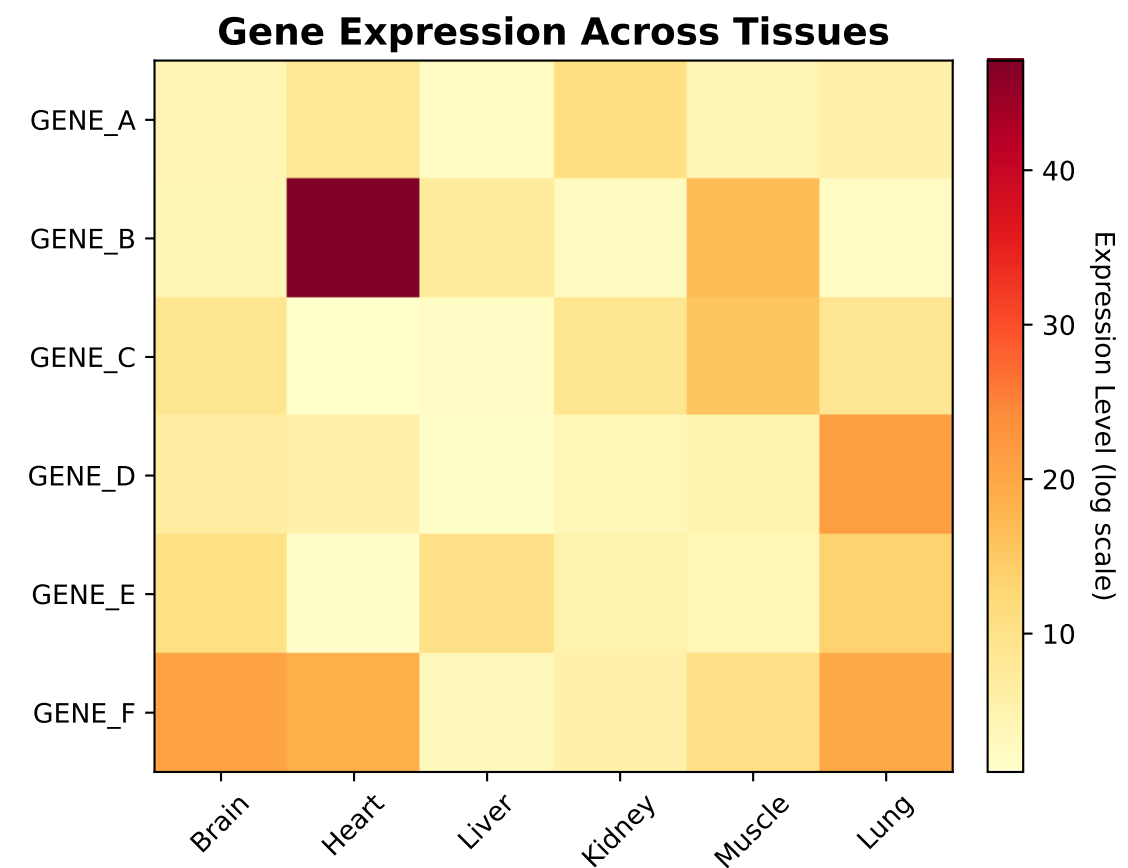
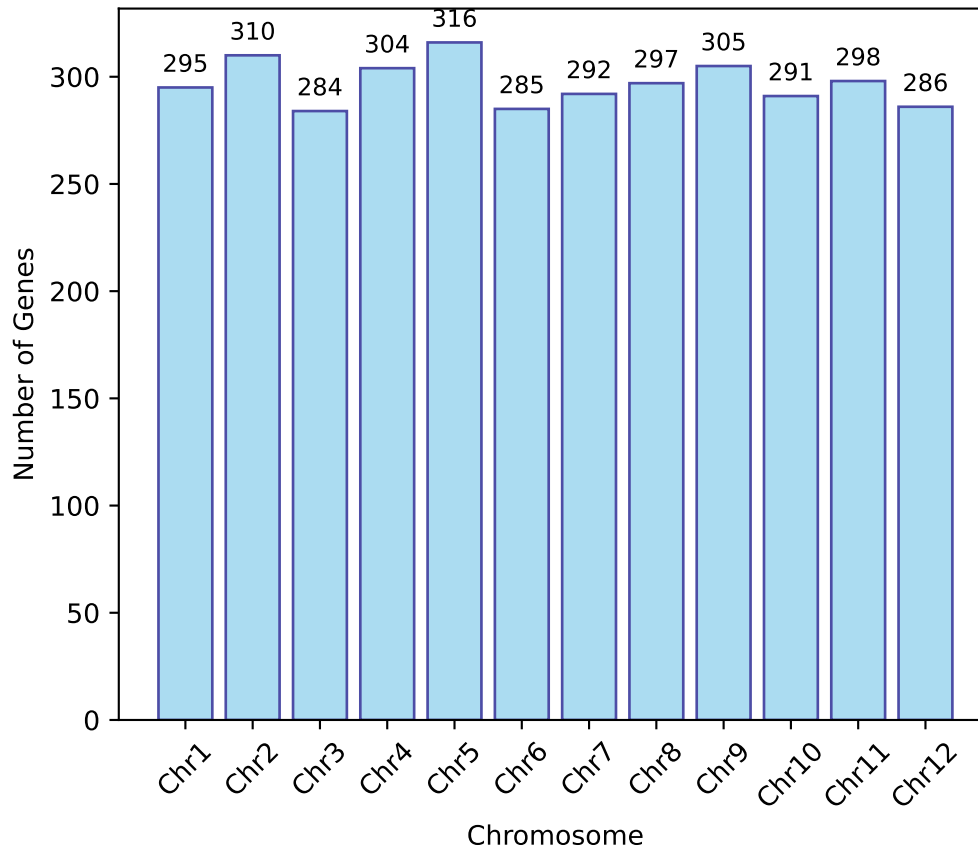
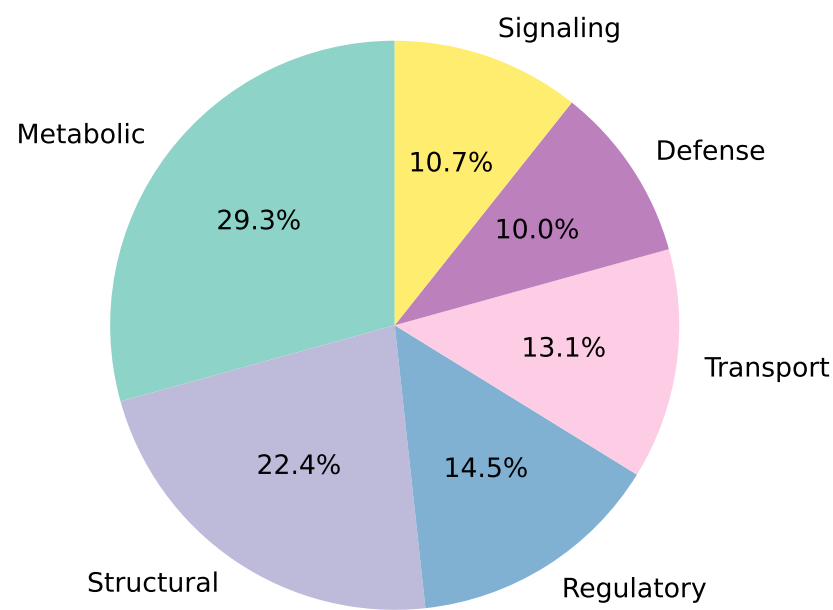
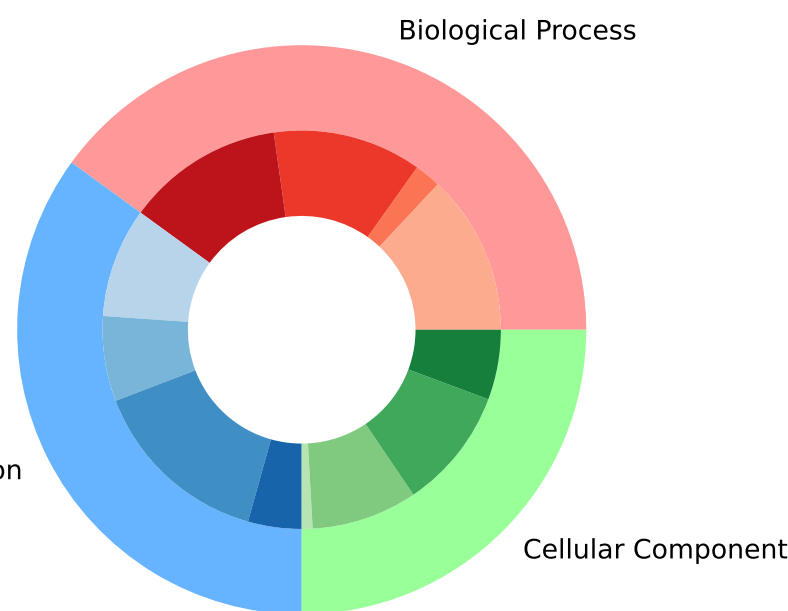


Comprehensive Gene Classification Analysis

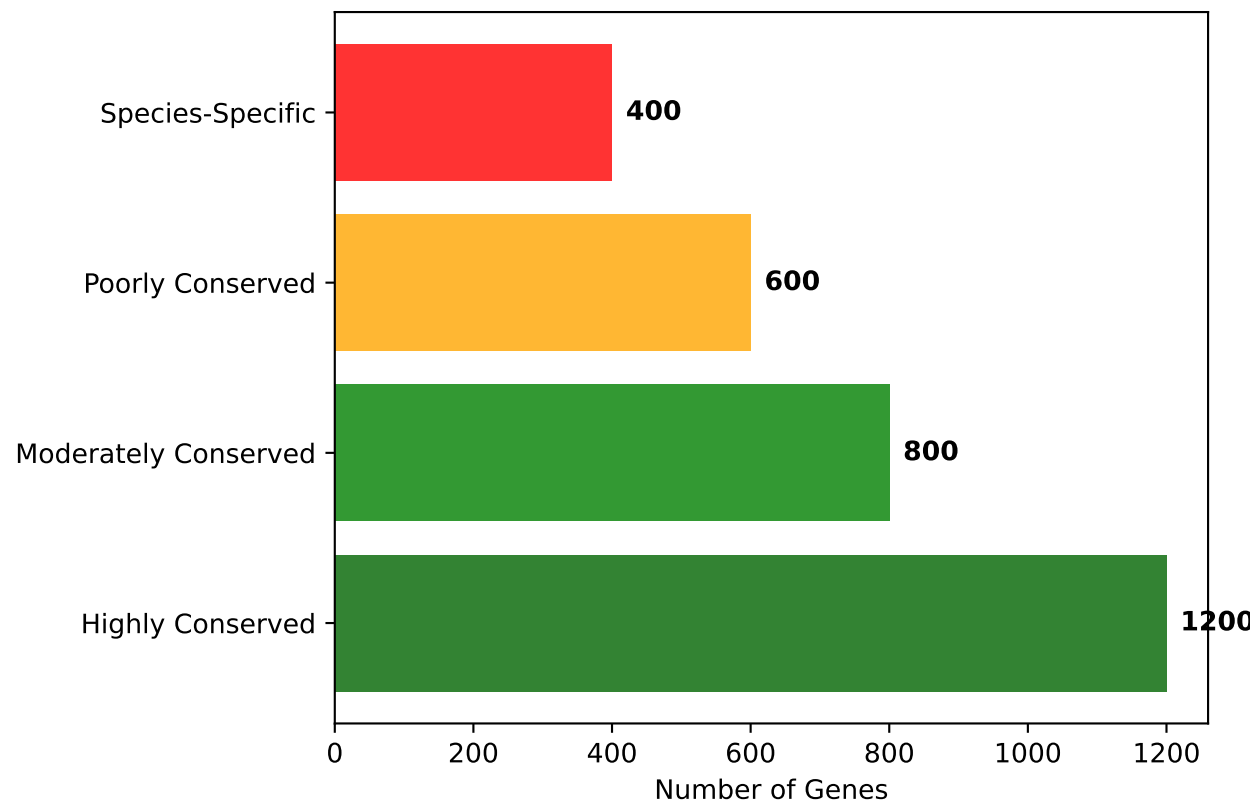
Gene Classification by Function



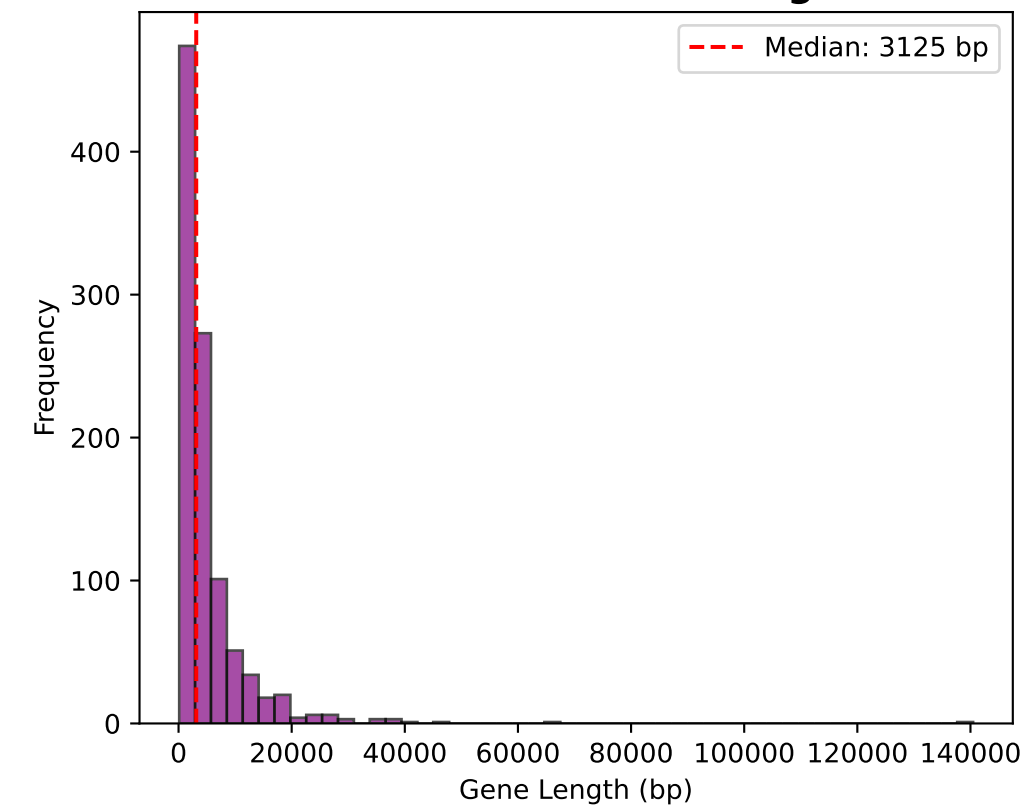
Gene Ontology Classification



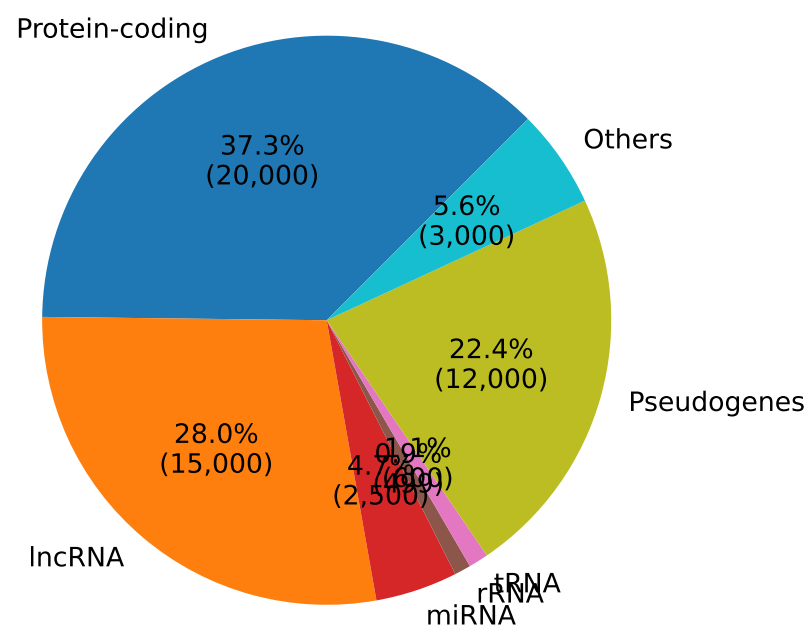
Gene Conservation Levels



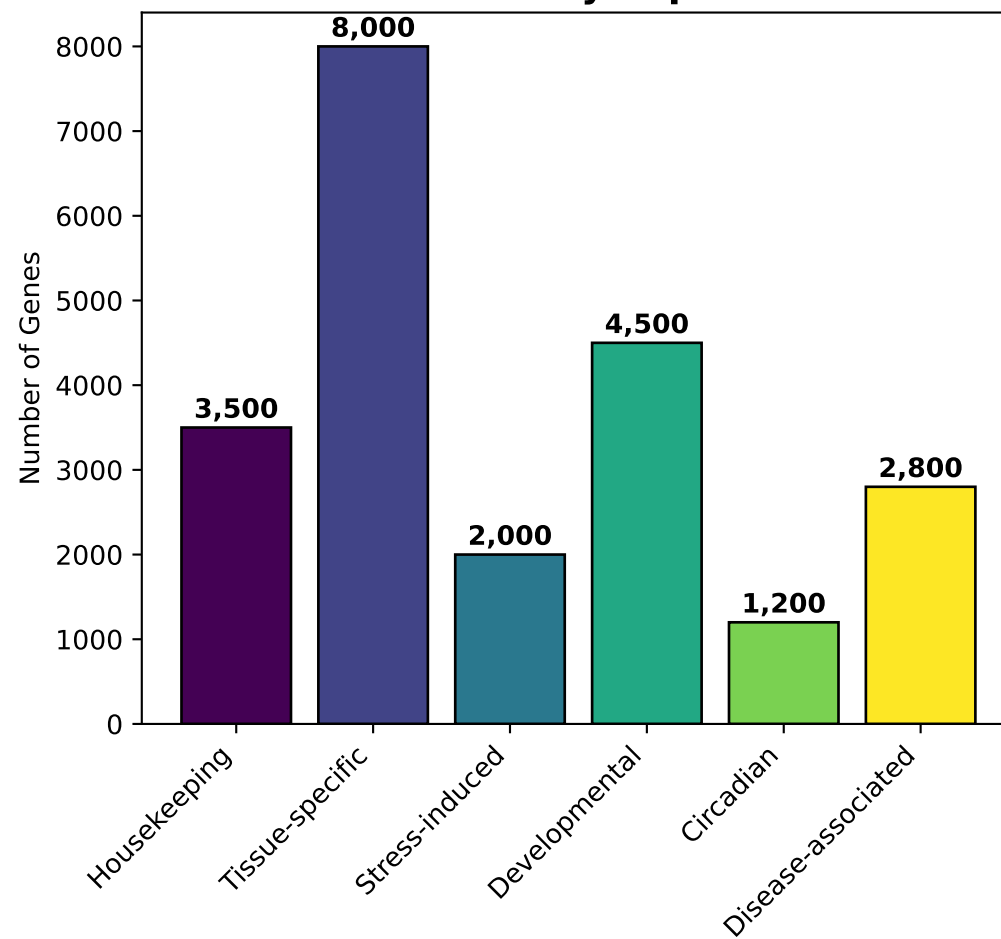
Distribution of Gene Lengths



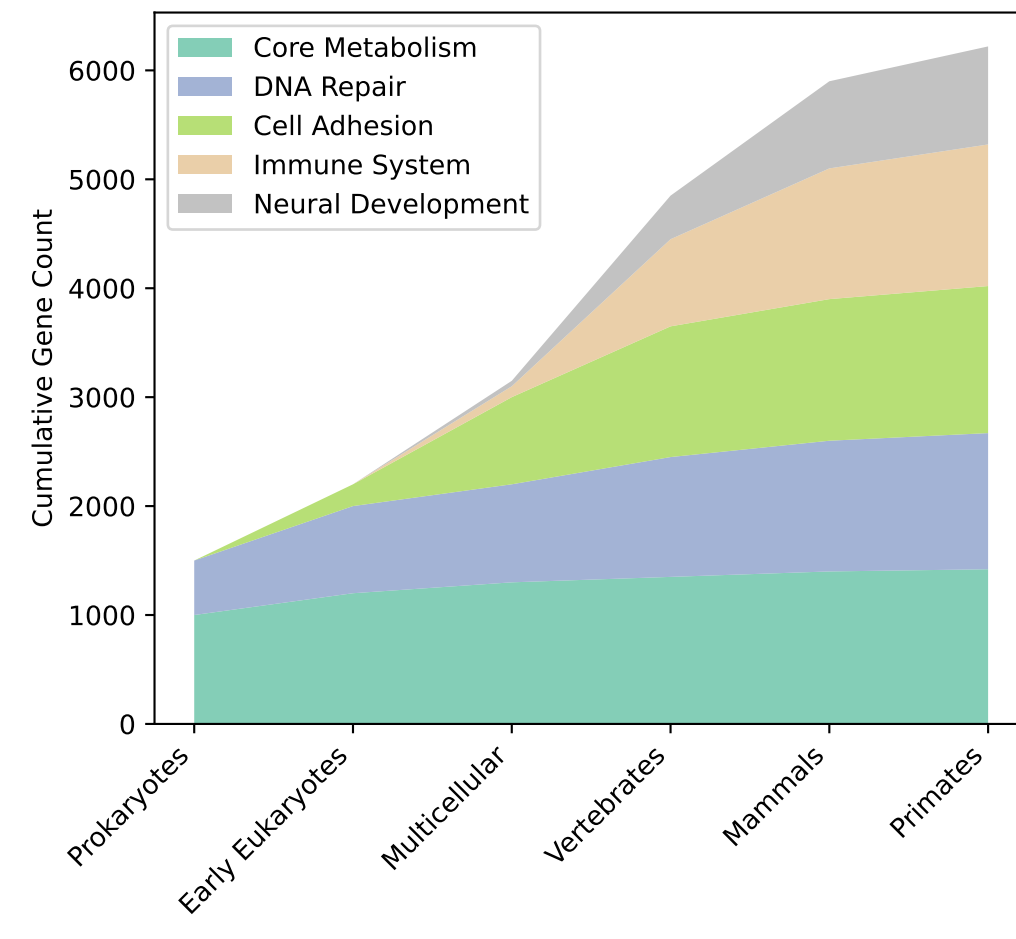
Gene Classification by Type



Gene Classification by Expression Pattern



Evolution of Gene Families



This comprehensive visualization shows various approaches to gene classification including:

- Functional categories and molecular roles
- Chromosomal distribution and genomic organization
- Expression patterns across tissues and conditions
- Gene Ontology hierarchical classification
- Evolutionary conservation and timeline analysis