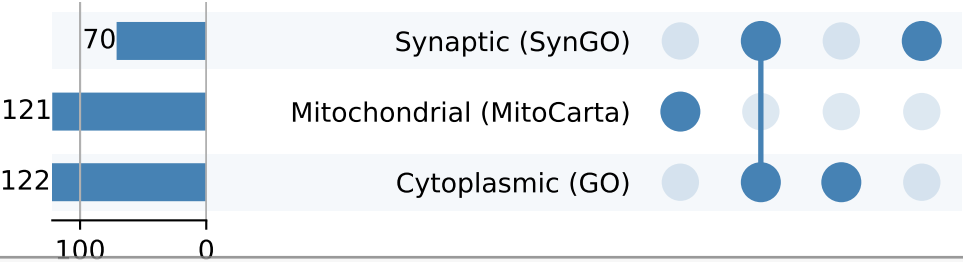
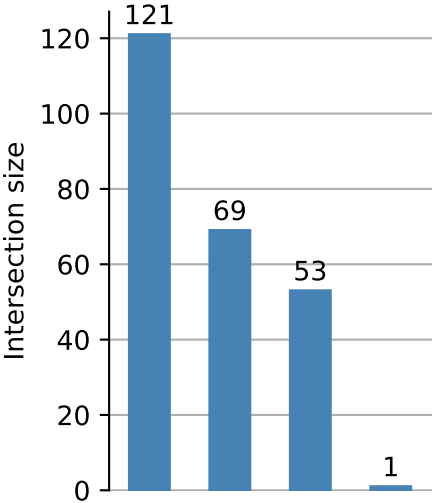


# Gene Overlap: Ribosome Pathways Across Databases (Synaptic vs Mitochondrial vs Cytoplasmic)



*Key insight: Only 22.0% overlap between ribosome compartments. This molecular distinctness explains why synaptic and mitochondrial ribosome pathways show opposite trajectory patterns in DRP1 mutations.*