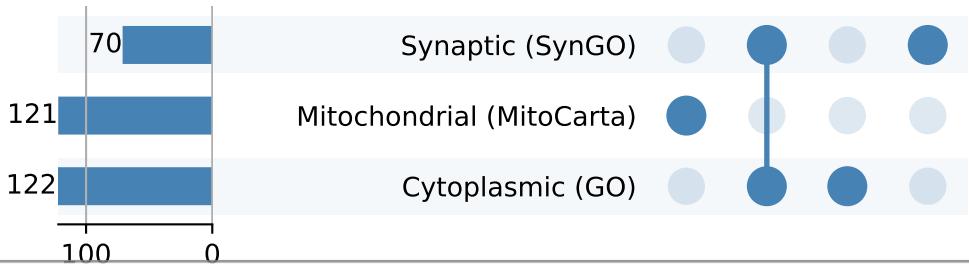
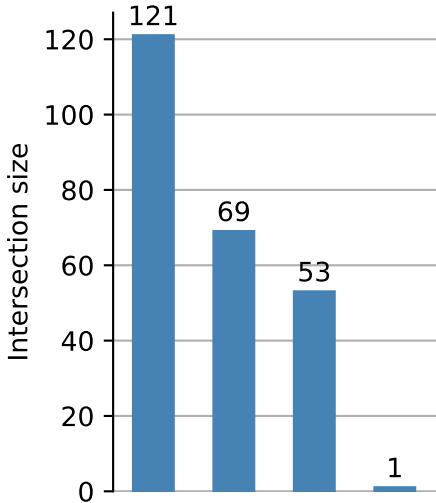


# Gene Overlap: Ribosome Pathways Across Databases (Synaptic vs Mitochondrial vs Cytoplasmic)



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