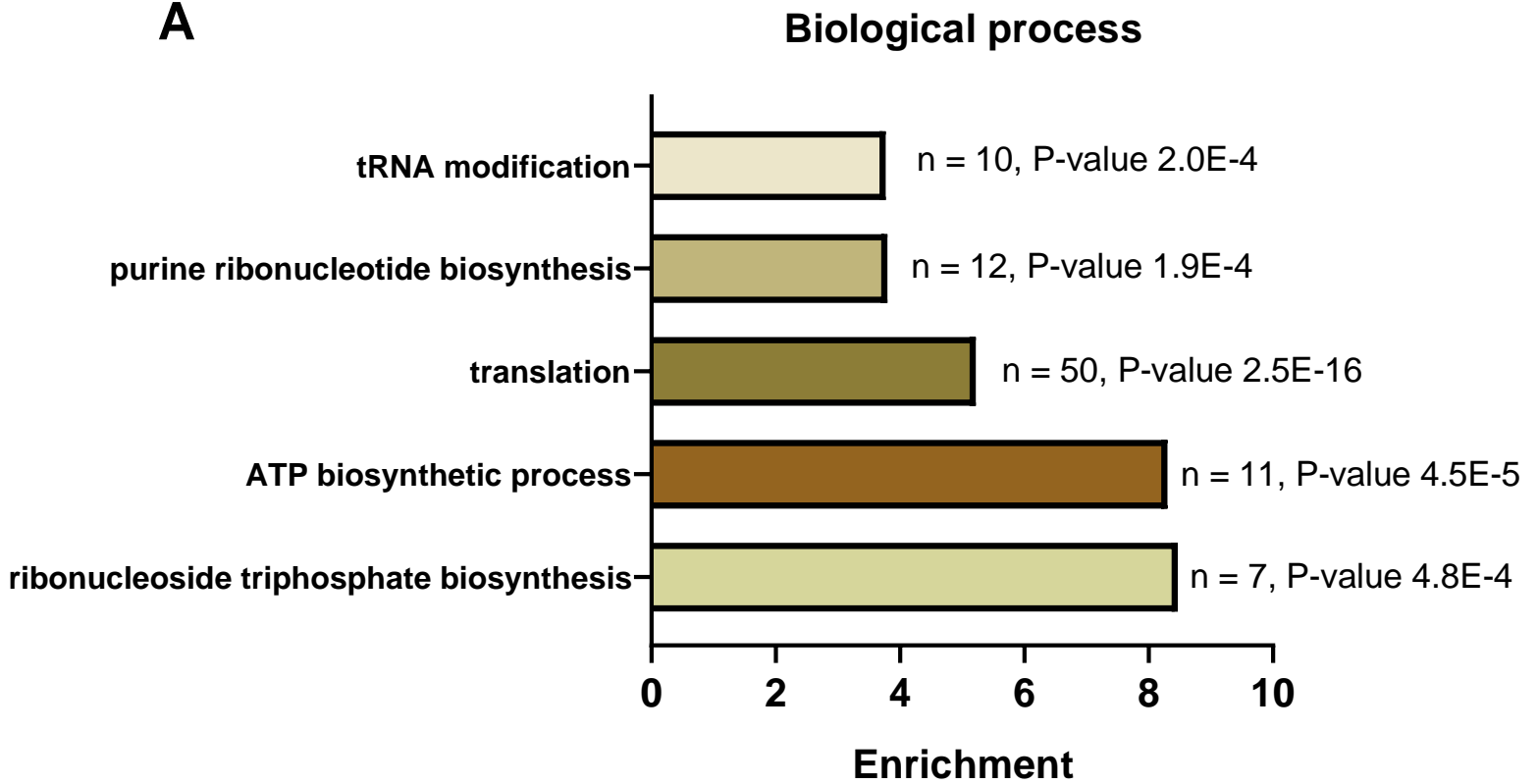
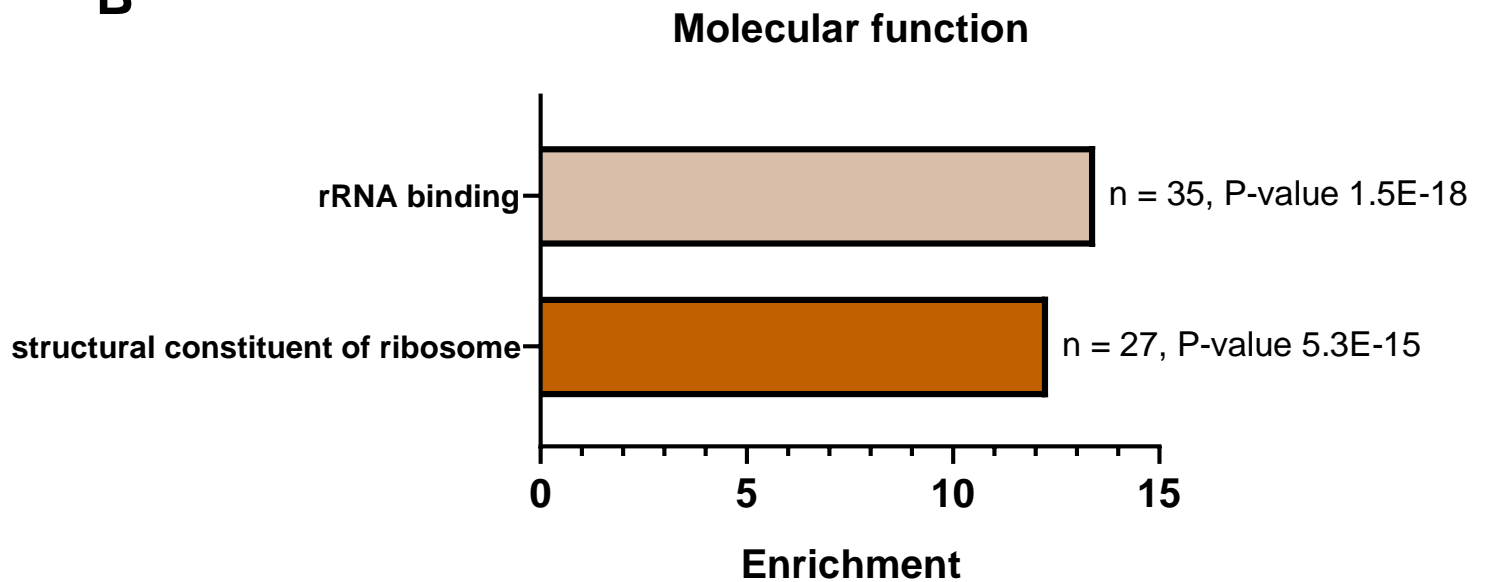


**A****B**

**Supplementary Figure 5.** Gene ontology analysis. Bar graphs show the enriched GO terms of biological process (A) and molecular functions (B). Results are shown only for most specific GOs, i.e. with the lowest level in the GO directed acyclic graph.  $p < 0.01$  was considered statistically significant.