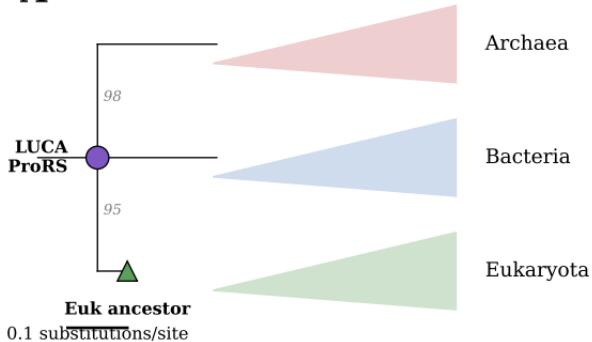


Figure 1: Phylogenetic Overview and Domain Architecture

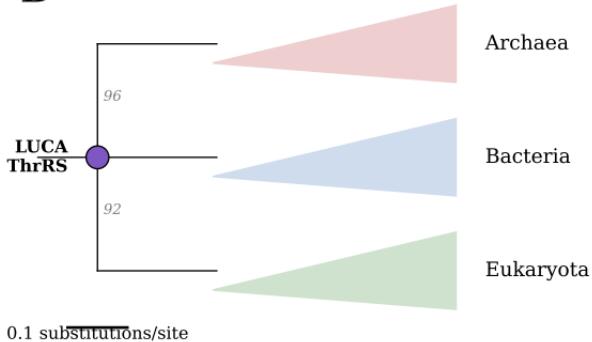
ProRS Phylogeny (93 species)

A



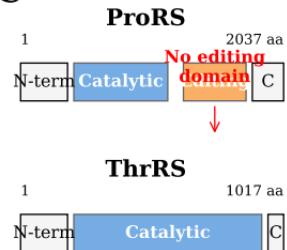
ThrRS Phylogeny (64 species)

B



Domain Architecture

C



D

- Archaea
- Bacteria
- Eukaryota
- LUCA node
- ▲ Euk ancestor
- Catalytic domain
- Editing domain