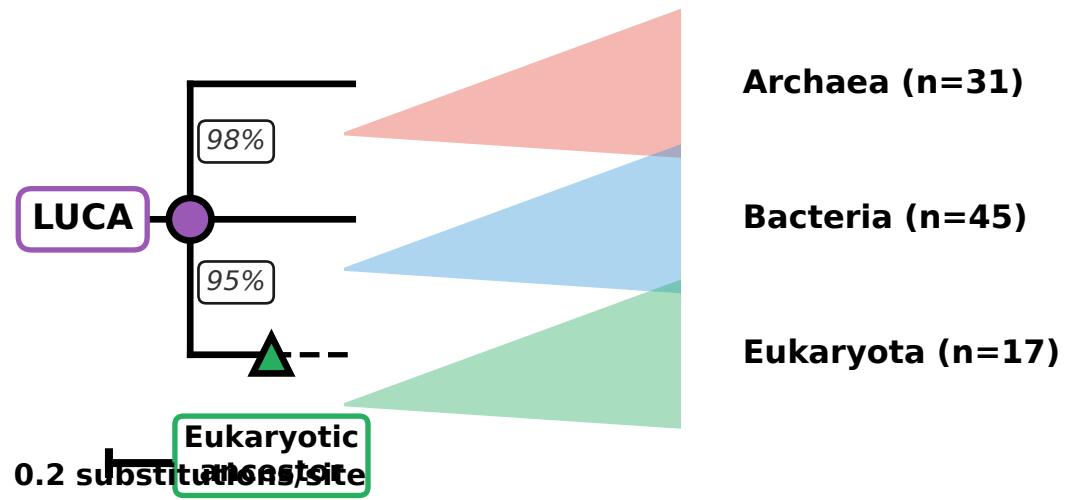
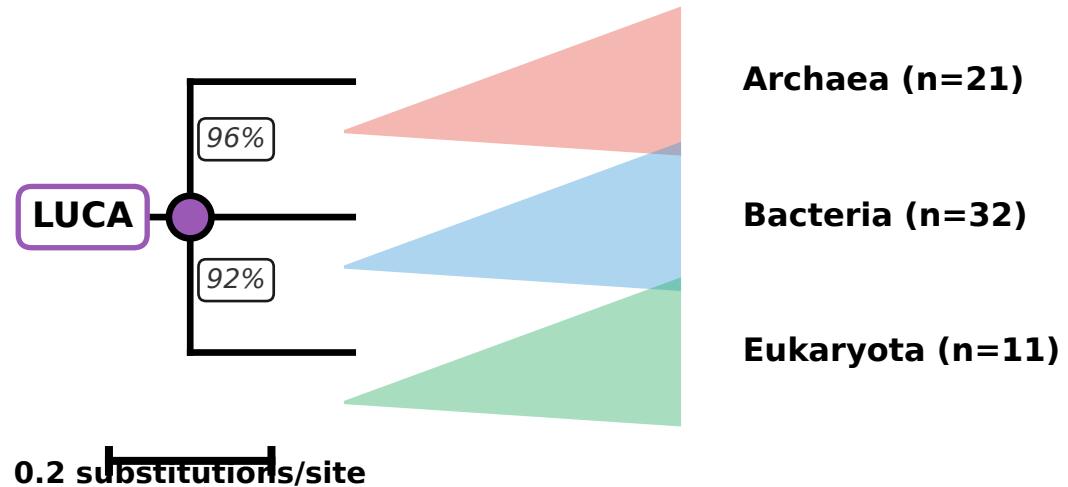


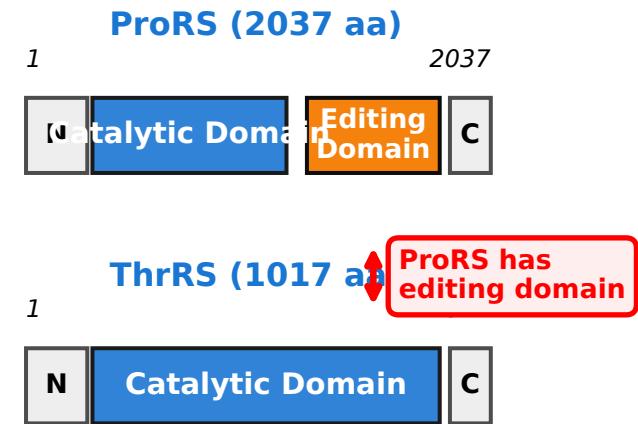
ProRS Phylogeny (93 sequences)

A

ThrRS Phylogeny (64 sequences)

B

Domain Architecture

C

Legend

D

Phylogenetic Markers:

- Last Universal Common Ancestor (purple circle)

- Eukaryotic Ancestor (green triangle)

Domain Colors:

- Catalytic Domain (blue)
- Editing Domain (orange)