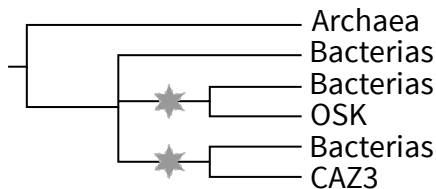


★ *Putative HGT*

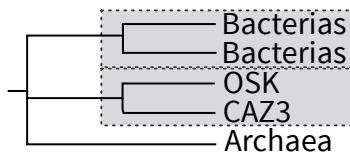
Constraint

a *Unconstrained tree*



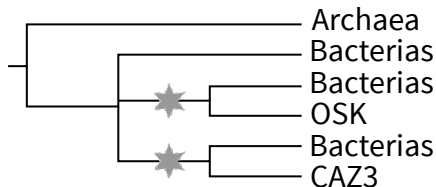
VS

Constrained by domain of life



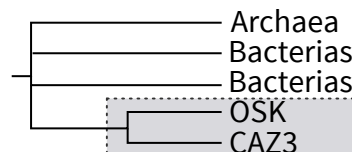
P-value = 0.002

b *Unconstrained tree*



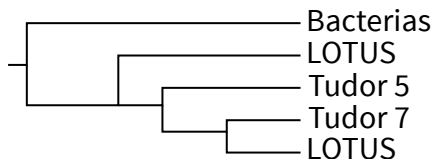
VS

Monophyletic Eukaryota



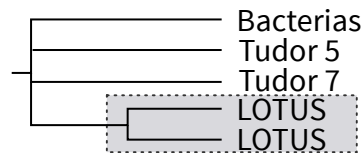
P-value = 0.009

c *Unconstrained tree*



VS

Monophyletic LOTUS



P-value = 0.037