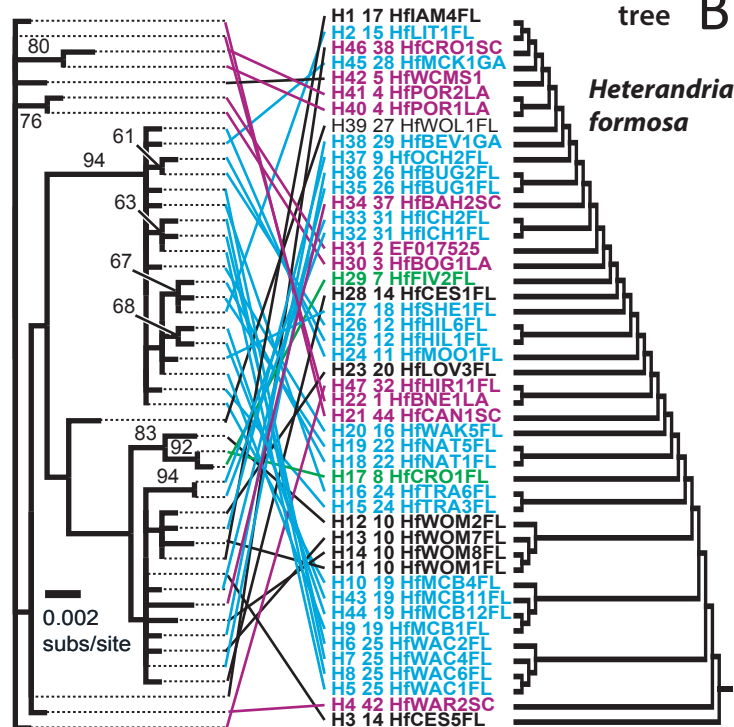


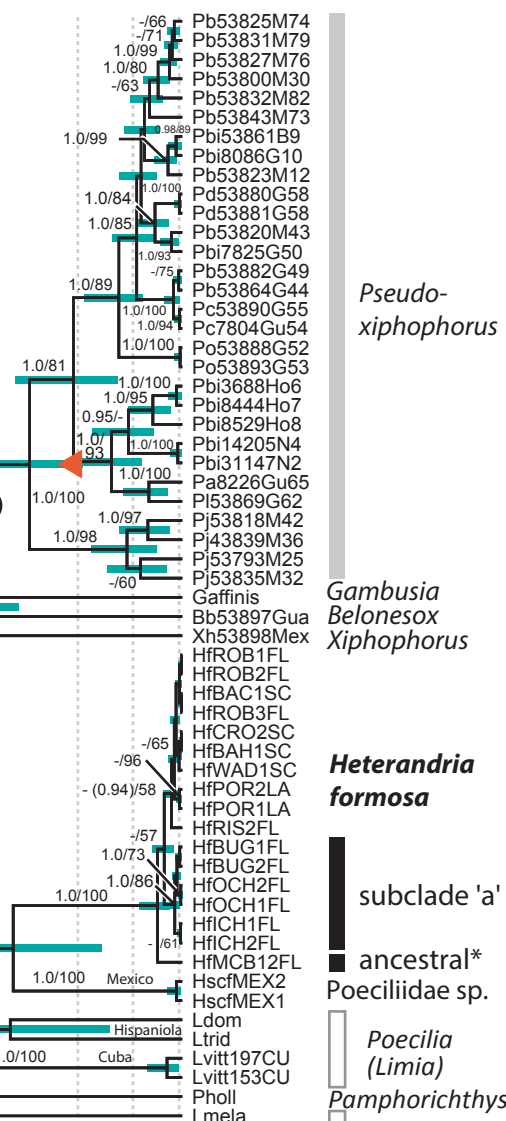
A

'best' cytb gene tree Minimize Deep Coalescences

tree B

*Heterandria formosa*

Nodal support: Bayesian PP (≥95)/ML BP (≥50)

*Pseudo-xiphophorus**Gambusia*
Belonesox
*Xiphophorus**Heterandria formosa*

subclade 'a'

ancestral*
Poeciliidae sp.*Poecilia*
(*Limia*)*Pamphorichthys*

Eocene

Oligocene

Miocene

Plio. Plt.

Time, millions of years ago (Ma)