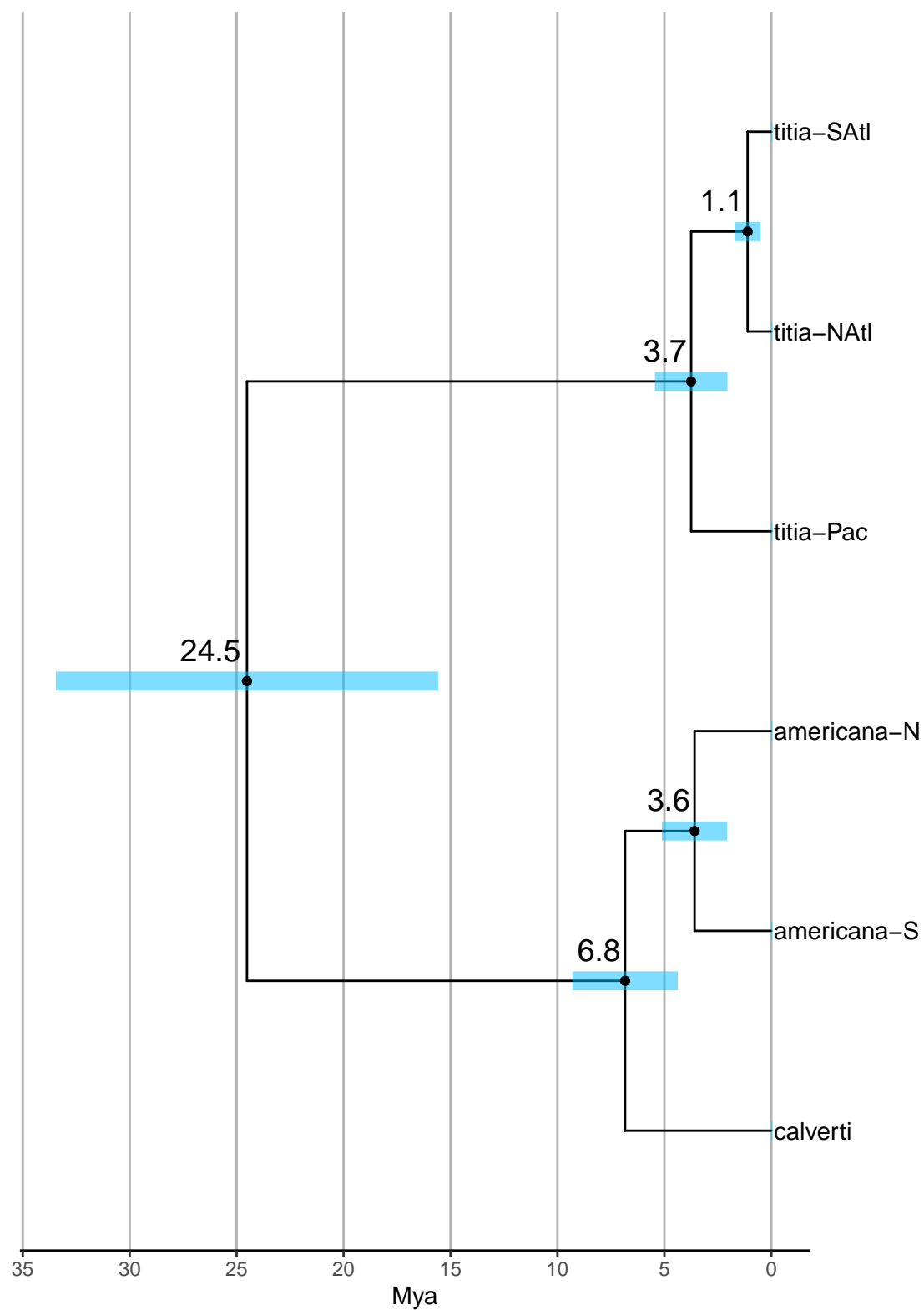
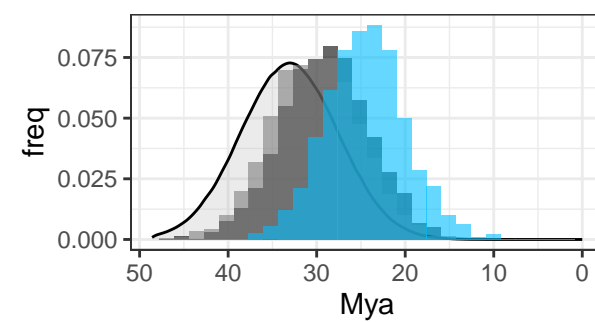


(a)

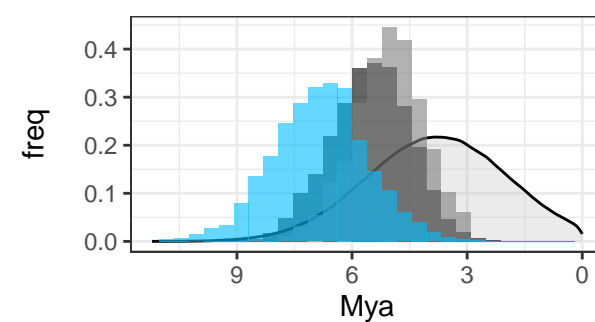


Reference alignment *H. americana* *H. titia* *denovo*

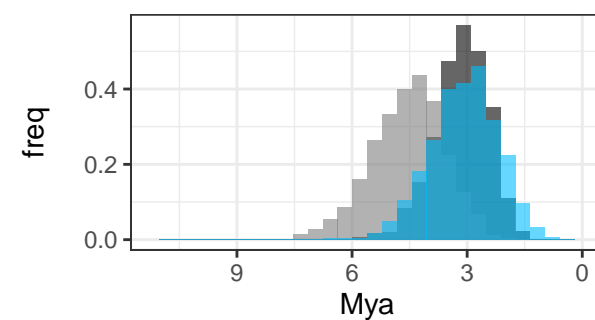
(b)

H. titia & *H. americana/calverti*

(c)

H. americana & *H. calverti*

(d)

Pacific & Atlantic *H. titia*

(e)

Divergence difference

