

Appendix D from D. San Mauro et al., “Initial Diversification of Living Amphibians Predated the Breakup of Pangaea”
(Am. Nat., vol. 165, no. 5, p. 590)

Fit between Time and Divergence for the Employed Calibrations

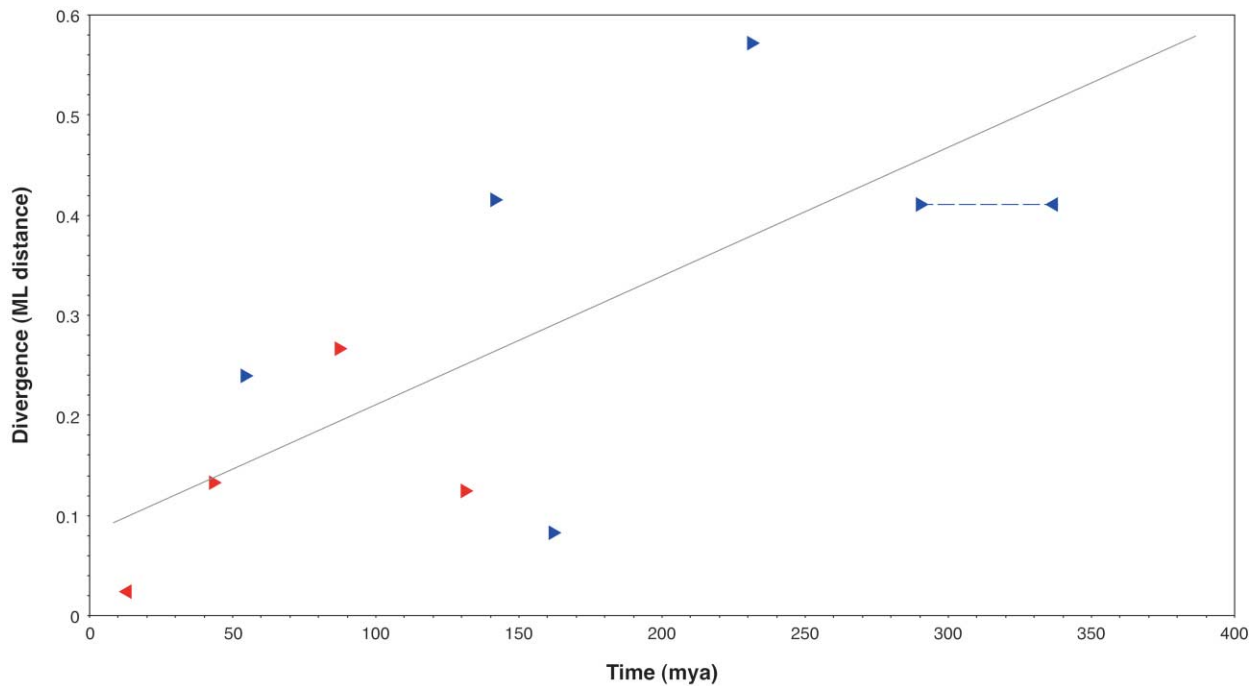


Figure D1: Scatterplot of divergence (measured as maximum likelihood [ML] distance) versus time (in millions of years) for the employed calibrations. These calibrations, as listed in “Material and Methods,” are marked by triangles (upper and lower bounds). Red triangles represent calibrations based on biogeography; blue triangles represent calibrations based on fossil record. Dashed line indicates the interval for the synapsid-diapsid calibration. There is a significant correspondence between time and divergence even though the calibrations are not point calibrations but upper and lower time constraints (gray line represents linear regression fit; $R^2 = 0.458$; $F = 5.920$; $df = 1, 7$; $P = .045$).