

**Additional file 2 – Divergence time estimates based on alternative calibrations.**

Alternative calibrations of 60 (std 6) and 90 (std 6) million years for the crown group Plethodontidae. The calibration date of 75 (std 6) million years was used in the results of Figure 2. SA = South American, Std = standard deviation, HPD = highest posterior density.

Clade	Norm 60 (Std 6)	Norm 60 (Std 6)	Norm 60 (Std 6)	Norm 75 (Std 6)	Norm 75 (Std 6)	Norm 75 (Std 6)	Norm 90 (Std 6)	Norm 90 (Std 6)	Norm 90 (Std 6)
	Average	Min 95% HPD	Max 95% HPD	Average	Min 95% HPD	Max 95% HPD	Average	Min 95% HPD	Max 95% HPD
<b><i>Bolitoglossa</i></b>	40.2	29.1	50.2	50.3	36.4	62.8	60.4	43.7	75.4
<b><i>Eladinea</i></b>	29.2	21.4	37.4	36.5	26.8	46.7	43.8	32.2	56.0
<b>SA <i>Bolitoglossa</i></b>	18.9	12.7	24.2	23.6	15.9	30.3	28.3	19.1	36.4
<b><i>B. peruviana (sensu lato)</i></b>	8.6	5.5	12.3	10.8	6.9	15.4	13.0	8.3	18.5
<b><i>B. equatoriana (sensu lato)</i></b>	5.9	0.4	12.1	7.4	0.5	15.1	8.9	0.6	18.1