Table 1. Results of non-parametric likelihood ratio tests (SHT), showing the topologies tested, their likelihood scores, and the significance of the difference in likelihood score as compared to the best tree. Significances of *P*<0.05 are marked with an asterisk.

	Description of tree permutation	Likelihood (-lnL)	*P* value
1	best ML tree	25447.86913	----
2	*Karsenia* sister to *Aneides*	25455.66648	0.7035
3	*Karsenia* sister to (*Phaeognathus*+*Desmognathus*)	25455.77661	0.6990
4	*Karsenia* sister to (*Ensatina* ((*Phaeogathus*+*Desmognathus*)+ *Aneides*))	25454.80029	0.8435
5	*Karsenia* sister to *Ensatina*	25464.95178	0.4905
6	*Karsenia* sister to *Plethodon*	25468.46811	0.4000
7	*Karsenia* sister to clade B (see results)	25465.61581	0.4905
8	(*Atylodes*+*Speleomantes*) sister to (*Karsenia*+*Hydromantes*)	25525.00450	0.0025*
9	*Hydromantes* sister to (*Karsenia*(*Atylodes*+*Speleomantes*))	25525.00450	0.0025*
10	*Atylodes* sister to (*Hydromantes* + *Speleomantes*)	25517.15431	0.0065*
11	Eastern *Plethodon* sister to (Western *Plethodon*+ *Aneides*)	25555.51378	0.0000*