

Table S4. Lineage-specific estimates for Toxicofera nerve growth factors (NGF)

Model	ω^a	Likelihood (l)	Prop. of sites with $\omega > 1$	Sign ^d
Elapidae				
Two-ratio Model	0.85	-7902.275528	-	$p > 0.05^{NS}$
Branch-site Model A	3.90	-7731.163474	4.5%	*$p < 0.001$
Clade Model C	2.38	-10800.007151	2.6%	*$p < 0.001$
Viperidae				
Two-ratio Model	0.82	-7909.191912	-	$p > 0.05^{NS}$
Branch-site Model A	2.01	-7786.640851	8.1%	$p < 0.05$
Clade Model C	1.03	-10800.007151	2.6%	*$p < 0.001$

Legend:

a: dn/ds (weighted average)

b: Significance of the model in comparison with the null model

* Significant after Bonferroni correction

NS: Not significant

Significantly detected positively selected lineages are highlighted in bold