Table S6. Positive selection analysis of mitochondrial protein-coding genes based on the branch model.

Tree	Model	Ln L	Estimates of parameters	Model compared	2ΔL	LRT P-value
ML	Two- ratio	-123656.793918	$\omega 0= 0.02021\ \omega 1= 0.00010$	Model 0 vs. Two ratio	176.3226	0.0000
	Model 0	-123744.955230	$\omega = 0.02123$	Model 2		

	Two- ratio	-123656.793918	$\omega 0= 0.02021\ \omega 1= 0.00010$	Model 0 vs. Two ratio	176.3226	0.0000
	Model 0	-123744.955230	$\omega = 0.02123$	Model 2		