Supplementary Table S3. Sites that have undergone positive selection in COI along the branches leading to all snakes and that leading to the Alethinophidia, based on the branch-site model of PAML. The probability of a site being under positive selection (dN/dS > 1) is based on the posterior probabilities from Bayes empirical Bayes support estimated in PAML. Only sites with posterior probabilities > 90% are shown. The reference to sites refers to amino acid sites of the cow COI protein.

	Branch	
Site	Snakes	Alethinophidia
32		0.96
35		0.90
42		0.96
42	0.93	
50		0.93
54		0.90
57		0.93
73	0.92	
114		0.92
141		0.90
178		0.99
197	0.92	
223		0.95
256		1.00
266		1.00
299		0.92
301		0.92
307		0.91
322		0.91
328	0.98	1.00
335		0.98
339		1.00
434		0.91
443		0.91
459		0.93
463	0.99	
472		0.98
478		0.95
481	0.98	
486		0.98
487		1.00
491		0.92
505	0.93	