Table S3. Parameter estimates for PAML models.

Group	Model	Parameter estimates	Sites* with ω > 1, ω (SE)
II 2005-2006	M7 (β)	$p = 0.19$, $q = 0.64$	
	M8 (β & ω)	$p = 0.63$, $q = 2.96$, $f_0 = 0.97$	145, 1.379 (0.763)
		$\omega = 2.56$, $f_1 = 0.03$	154, 1.34 (0.765)
			156, 1.748 (0.571)
			157, 1.313 (0.765)
			171, 1.409 (0.714)
			172, 1.749 (0.571)
			178, 1.653 (0.636)
			204, 1.429 (0.712)
			205, 1.517 (0.702)
II 2006-2007	M7 (β)	$p = 0.16$, $q = 0.60$	
	M8 (β & ω)	$p = 1.81$, $q = 13.43$, $f_0 = 0.93$	61, 1.229 (0.634)
		$\omega = 1.61$, $f_1 = 0.07$	136, 1.506 (0.584)
			145, 1.288 (0.687)
			154, 1.252 (0.688)
			156*, 1.701 (0.454)
			157, 1.211 (0.688)
			170, 1.507 (0.585)
			171, 1.496 (0.588)
			172, 1.632 (0.516)
			178, 1.504 (0.585)
			199, 1.202 (0.63)
			200, 1.358 (0.637)
			204, 1.268 (0.637)
			205, 1.371 (0.636)

p and q are parameters of the β distribution. f is the proportion of sites assigned to an individual ω (= dN/dS) category or to a β distribution with shape parameters p and q, $f_1 = 1 - f_0$. Sites inferred under selection at the 90% level are listed in bold, and those at the 95% level are marked with an asterisk.