

Table S3. Maximum likelihood models of selection on transformer in *Drosophila* and the Tephritidae.

Branch(es)	Model	N of parameters	Log-likelihood
-	One ratio	1	-4136.36
-	Nearly neutral	2	-4129.49
-	Positive selection	4	-4129.49
Basal	Local relaxation	4	-4126.80
	Local selection	5	-4124.17
<i>Drosophila</i>	Local relaxation	4	-4097.05
	Local selection	5	-4097.05
Tephritidae	Local relaxation	4	-4121.60
	Local selection	5	-4121.60