

Table S1 Validation of the C translation of the Homoplasmy Test

	QB				C					QB				C			
File	Inf	TrH	Se	p<0.05?	Inf	TrH	Se	p<0.05?	File	Inf	TrH	Se	p<0.05?	Inf	TrH	Se	p<0.05?
0_1	14	1	1370	No	14	1	1370	No	15_1	21	15	1370	Yes	21	15	1370	Yes
0_4	17	0	1370	No	17	0	1370	No	15_2	8	3	1370	Yes	8	3	1370	Yes
0_5	23	2	1370	Yes	23	2	1370	Yes	15_3	19	16	1370	Yes	19	16	1370	Yes
0_6	19	1	1370	No	19	1	1370	Yes	15_4	12	4	1370	Yes	12	4	1370	Yes
0_7	23	0	1370	No	23	0	1370	No	15_5	21	11	1370	Yes	21	11	1370	Yes

Whether significance at a p value of 0.05 was achieved for five files with zero recombination ($\rho=0$) and five files with an extreme level of recombination ($\rho=15$) is shown. QB: QuickBasic, C: C translation, Inf: informative sites, TrH: true homoplasies, Se: effective sites.