

Table S1. Average synonymous (dS) and nonsynonymous (dN) substitutions per site and dN/dS ratios for coding genes in the inverted and collinear Muller elements in *Drosophila arizonae* (ar), *D. mojavensis* (mo), and *D. navojoa* (na).

Element	dN			dS			dN/dS		
	ar-mo	ar-na	mo-na	ar-mo	ar-na	mo-na	ar-mo	ar-na	mo-na
Inverted	0.011↑	0.028↑	0.028↑	0.066↑	0.166↑	0.167↑	0.156	0.145	0.146
Collinear	0.008	0.022	0.023	0.056	0.151	0.150	0.161	0.139	0.143

↑ Inverted chromosomes with higher divergence levels than collinear chromosomes (Mann-Whitney test; $p < 0.05$).