

S3 Table. S and π measured in neutral demographic models of North American

Drosophila. Estimates of S and π were averaged over 30,000 simulations of 10,000 bps for each demographic model. S and π estimates in DGRP short intron data were measured to be 5.8% and 1.2% per bp, respectively.

Demographic model	S/bp	π/bp
Admixture	5.8%	1.1%
Admixture + bottleneck	5.6%	1.3%
Constant $N_e=10^6$	2.3%	0.4%
Constant $N_e=2.7 \times 10^6$	5.8%	1.1%
Severe short bottleneck	5.7%	1.1%
Shallow long bottleneck	5.5%	1.1%