

Table S3: Statistical analysis of adult pigmentation between *D. americana* and *D. novamexicana*. One-way ANOVA was performed for genotype at each of the three genes and mean red value at three adult landmarks. Significant *p*-values (<0.05) are indicated in red.

Tukey HSD adjusted <i>p</i>-value						
Gene	Landmark	F value	Pr (>F)	N-A	H-A	N-H
<i>ebony</i>	Abdomen	4.969	0.00244	0.00221	0.0389	0.31829
	Scutellum	0.799	0.496	0.59866	0.46525	0.99959
	Thorax	0.558	0.644	0.61987	0.74585	0.96329
<i>tan</i>	Abdomen	4.85	0.00285	0.12649	0.07594	0.00205
	Scutellum	0.935	0.425	0.89283	0.4431	0.91896
	Thorax	0.177	0.912	0.99757	0.99912	0.99423
<i>Dat</i>	Abdomen	0.162	0.922	0.93054	0.98801	0.97699
	Scutellum	0.17	0.916	0.94041	0.89818	0.99981
	Thorax	0.692	0.558	0.66698	0.99866	0.55199

References:

Schaeffer, S. W. *et al.*, 2008 Polytene Chromosomal Maps of 11 *Drosophila* Species: The Order of Genomic Scaffolds Inferred From Genetic and Physical Maps. *Genetics* 179:1601-1655.