

TABLE S1**Tajima's D values for subsets of the data divided by K_A/K_S values.**

	<i>D. miranda</i>		<i>D. pseudoobscura</i>	
	<i>X</i> chromosome	Autosome	<i>X</i> chromosome	Autosome
Nonsynonymous sites				
High K_A/K_S	-0.361 (0.374)	-0.687 (0.198)	-0.684 (0.172)	-0.728 (0.201)
Low K_A/K_S	-1.272 (0.113)	-0.168 (0.635)	-1.137 (0.025)	-1.266 (0.069)
Synonymous sites				
High K_A/K_S	-0.663 (0.243)	-0.415 (0.211)	-0.683 (0.169)	-0.739 (0.143)
Low K_A/K_S	-0.786 (0.260)	-0.743 (0.212)	-0.847 (0.177)	-0.961 (0.141)

Means with standard errors in parentheses.