

Scatter plot showing courtship duration (s) for two genotypes: *dsNIHdac1* (♂) x *wt* (♀) and *dsGfp* (♂) x *wt* (♀). The y-axis represents Courtship duration (s) from 0 to 1000. The *dsNIHdac1* group shows a mean courtship duration of approximately 200s, while the *dsGfp* group shows a significantly higher mean courtship duration of approximately 900s. A horizontal bar with an asterisk (*) indicates a significant difference between the two groups.

Scatter plot showing copulation duration (s) for males mated to wild-type females. The y-axis ranges from 0 to 250 seconds. The x-axis shows two groups: *dsNlHdac1* (♂) x *wt* (♀) and *dsGfp* (♂) x *wt* (♀). The *dsNlHdac1* group shows a distribution of copulation durations with a mean around 100s, while the *dsGfp* group shows a mean of 0s. A horizontal bar with two asterisks (**) indicates a significant difference between the groups.