

Supplemental Table 1. Task-relevant Non-associative Behaviors

Genotype	Benzaldehyde	
	NAIVE	OCT+90V
<i>drk^{EOA}/+</i>	68.98 ± 3.16	61.31 ± 3.76
<i>drk^{AP24}/+</i>	65.79 ± 3.28	57.18 ± 4.21
<i>ry⁵⁰⁶</i>	68.23 ± 2.42	57.14 ± 3.27
<i>drkR-1.2/+;drkR-2/+</i>	83.45 ± 5.18	65.00 ± 5.96
<i>drkR-1.2/c772;drkR-2/+</i>	84.46 ± 1.20	59.14 ± 5.78

Benzaldehyde avoidance after prior exposure to Octanol and 12 90 Volt electric shocks. Although pre-exposure to OCT+90V reduces Benzaldehyde avoidance for all strains differences in performance of experimental animals were not significantly different from that of their respective controls (*ry⁵⁰⁶* and *drkR-1.2/+;drkR-2/+* respectively for the two distinct genetic background groups).