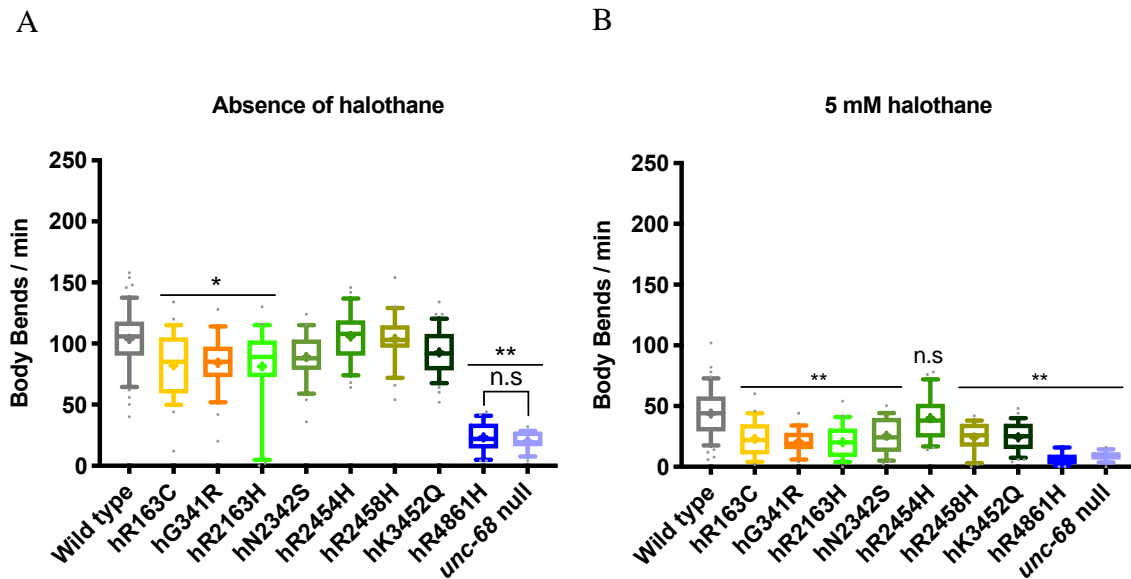


## Supplementary Material

Supplementary Figure 2



**Supplementary Figure 2. Comparison of the locomotion of old adults of RyR variant strains.**

Thrashing rate in S medium, in body bends per minute, for old adults of RyR variant strains, labelled by the human variant they correspond to, in the absence of (A) and presence of (B) 5 mM halothane. 25 individual old adults were examined per strain. Boxes indicate the median and interquartile range, with whiskers to the 10-90 percentile, outliers as dots, and + to indicate the mean. Significance is between variant strains and the N2 wild type, apart from where indicated to the CB540 *unc-68(e540)* null mutant. \*  $P < 0.05$ , \*\*  $P < 0.005$ , n.s = not significant (one-way ANOVA, with Tukey's multiple comparison test).