Supplemental Material

Early Detection of Apathetic Phenotypes in Huntington's Disease Knock-in Mice Using Open Source Tools

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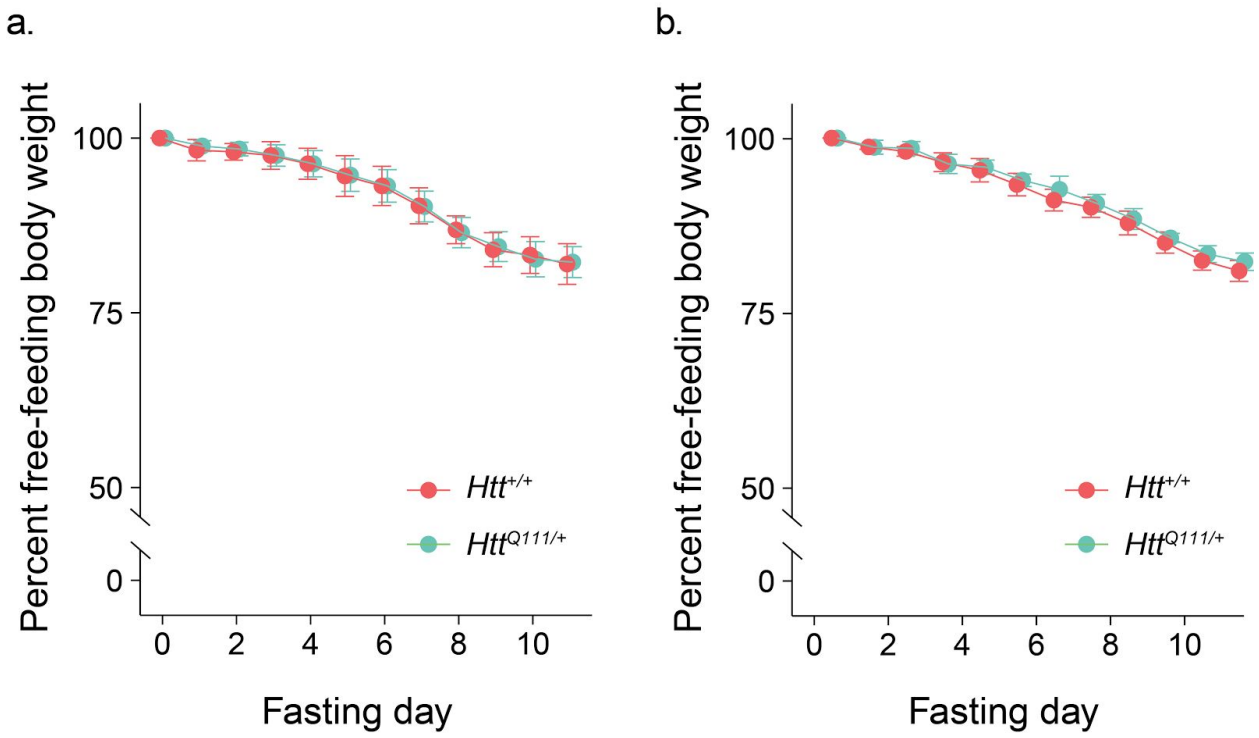

Supplemental Fig 1: Body weight during food restriction of 10-month-old *Htt*$^{+/+}$ and *Htt*$^{Q111/+}$ mice. Body weight was reduced during 11 days of food restriction, but genotype did not change overall body weight, or the rate at which mice lost weight . **a.** Initial cohort: linear mixed effects model, effect of date $F_{(11, 187)} = 673.6$, $p < 0.0001$; effect of genotype $F_{(1, 17)} < 0.001$, $p = 0.96$; genotype x date interaction $F_{(11, 187)} = 0.5$, p = 0.87). **b.** Replication cohort: linear mixed effects model, effect of date $F_{(11, 242)} = 889.9$, $p < 0.0001$, effect of genotype $F_{(1, 22)} = 2.6$, $p = 0.12$, effect of genotype x date interaction $F_{(11, 242)} = 1.33$, $p = 0.21$. Error bars represent S.E.M.