



Figure S1. Genetic, dietary, and GxD interaction effects for weight, triglycerides, and sugar. Error bars are 1SE, weight is in mg, triglyceride and sugar (trehalose) is log transformed % concentration in a 3rd instar larval homogenate. A. Significant genetic variation across 20 inbred isofemale lines. B. Significant variation with diet across the four tested diets. Letters indicate statistical differences. C. Significant genotype-by-diet interaction effects with each colored line corresponding to a specific genetic line across the panels (as described in legend for Figure 3).