



FIG S1. Relative proportions of histidine isotopes. **A** Hydrolyzed protein pools. **B** Soluble pools of histidine. Extracted from 7-day-old line 583 (bearing-*Hamiltonella*) and 583^{H-} (*Hamiltonella*-free) larvae reared on diets containing ¹³C₆-histidine from day-2 to day-7 of larval development. Error bars show standard deviation of three biological replicates per treatment and timepoint.