



Figure S4: Pupal size. (A) 0-1 day old pupae either control (Co) or *FASN*¹⁻² mutant (*FASN*) fed a beySD supplemented (10%) or not (0%) with sucrose since L2/L3 transition; females are at the top and males at the bottom. (B) Comparison of mean pupal volumes. Considering that a pupae is roughly an ellipsoid, its volume can be calculated from the equation $Vol = \frac{4}{3}\pi * L * l$, where L and l represent the length and the width, respectively. Note that sucrose supplementation tend to reduce the pupal volume, although not significantly.