



Figure S5 Mean \pm SE relative expression of *mir-279* and *mir-317* in the control *w¹¹¹⁸*, Canton-S and the *mir-279C* and *mir-317C* hypomorph lines. The miRNA hypomorphs had significantly lower expression than the control line. We assayed the Canton-S line twice so that the qRT-PCR run for each miRNA mutant line was conducted in parallel to the control line. The miRNA hypomorph lines had significantly lower expression than their controls (Wilcoxon rank sum, $W = 31$, $P = 0.041$ for *mir-279* and $W = 33$, $P = 0.015$ for *mir-317*). The standard curves for the miRNA qPCR probes ran from 0.5-0.00016 ng total RNA with a 1:5 serial dilution and had the following R^2 and slope values: *miR-279*: $R^2 = 0.9866$, slope = -2.6378; *mir-317*: $R^2 = 0.9828$, slope = -2.4508; *mir-2S*: $R^2 = 0.9942$, slope = -3.2352.