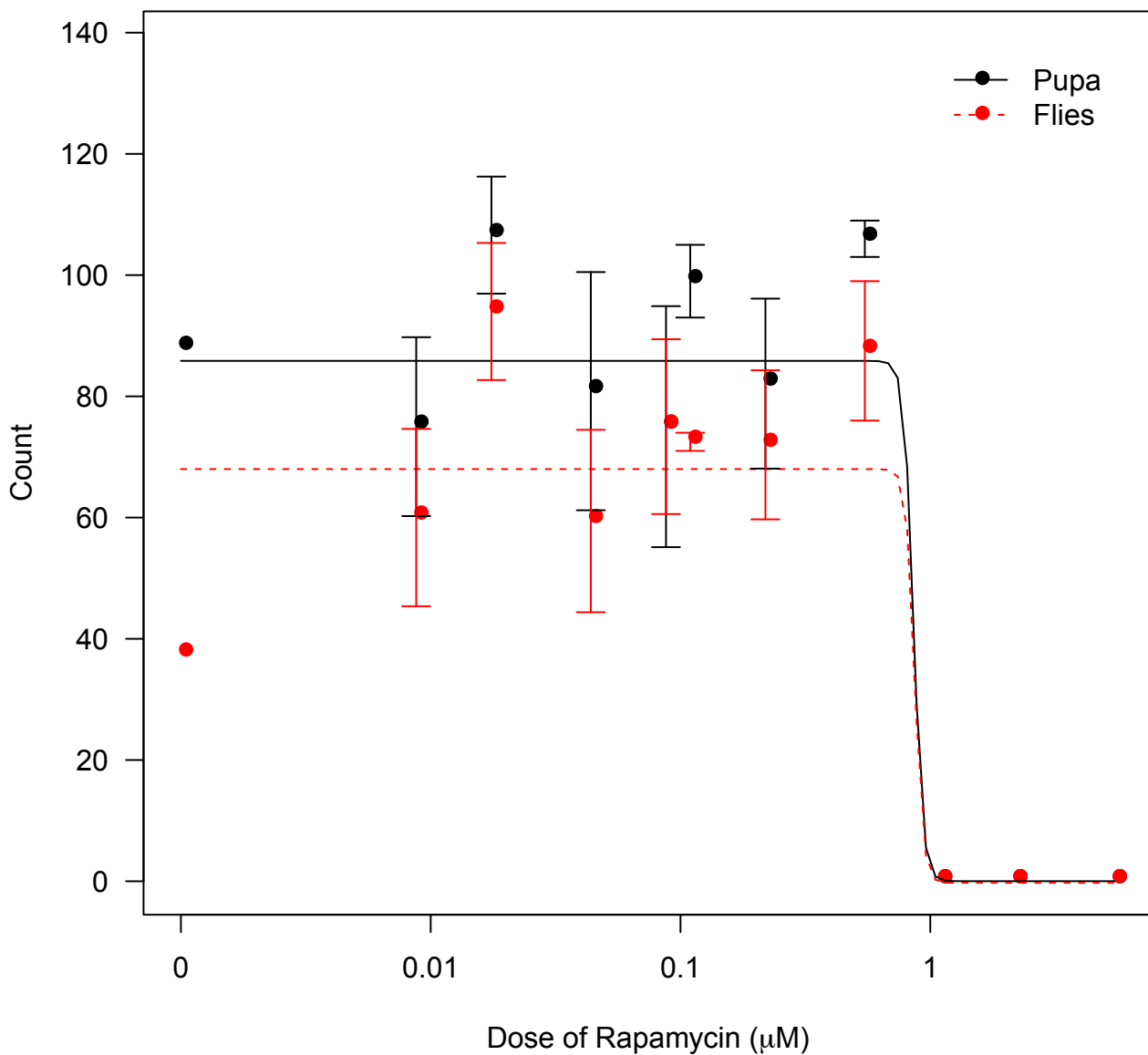


## Supplementary Figures

**Supplementary Figure 1: Dose response of rapamycin on fly eclosure and larvae development.** Flies were mated in the presence of varying doses of rapamycin. After 7 days, the mated adults were removed. After 21 days, the number of progeny and pupal cases were counted.

**Supplementary Figure 2: Effects of lowered GAL4 expression on eclosure of 24B-GAL4 driven *Raptor* knockdowns.** The graph depicts the relative birth rates of the progeny produced when the *24B-GAL4>UAS-Raptor-shRNA* crosses were repeated at 18° C. The double balancer genotype is excluded from the graph. The dashed line represents the expected birth rates of the three genotypes. The colder environment was unable to rescue the lethality effect of *Raptor* knockdown in skeletal muscle.



# 24B-GAL4 Driver at 18C

