Figure S10  Evidence that ADAR is not involved in cell death induced RNAi inhibition. (A). GMR-Gal4 driven expression of an ADAR RNAi transgene, in which an inverted repeat of an ADAR fragment was constructed under UAS promoter, does not affect B restored eye color in male eyes. (B). RT-PCR demonstrates that this ADAR RNAi construct lowers the ADAR mRNA level without Gal4 expression. With act5c-Gal4, ADAR mRNA is reduced even more. Therefore, this result confirms that the ADAR RNAi construct is functional. (C). With or without cell death (hs-hid), ADAR expression is not changed in the larvae. The expression of β-tubulin is shown as input controls. The numbers 1, 2 and 4 show the fold cDNA used as template for PCR. These data demonstrate that modulation of the endogenous ADAR has no effect on RNAi and thus is unlikely to be induced by cell death signaling to act as a competitor with RNAi.