



Figure S8. Ethosuximide does not induce general stress and hormesis.

(A) qRT-PCR analysis of the stress response genes *gst-4* and *gst-10* showed no evidence of induction by ethosuximide (B) Ethosuximide does not promote activation of an oxidative stress-responsive gene reporter. Young adult N2 worms carrying a $P_{gst-4}::GFP$ transgene were exposed to various treatments and observed for transgene expression by fluorescence microscopy. Note the lack of $P_{gst-4}::GFP$ induction following ethosuximide exposure in comparison to the oxidative stressors juglone and paraquat (positive transgene induction controls). (C) Lifespan increase by ethosuximide in *dnj-14* mutants is not mimicked by hormetic compounds or the non-therapeutic compound, succinimide.