



Figure 10. Ethosuximide action is independent of *hsp-1*.

Survival curves of wild type N2 worms grown on *E. coli* containing empty vector (L4440), *hsp-1* or *daf-16* dsRNA-producing plasmids in the presence (dashed lines) or absence (solid lines) of 1 mg/ml ethosuximide. RNAi of *hsp-1* and *daf-16* reduced lifespan compared to the vector control. Although ethosuximide treatment significantly increased the lifespan of worms on *hsp-1* RNAi ($p < 0.001$), it had no significant effect on vector control or *daf-16* RNAi worms ($p > 0.15$) ($n > 100$ worms per strain/condition).