

Supplementary Figure 4 *atfs-1* in neurons is required for the peripheral induction of UPR^{mt}. (**A**) qRT-PCR measures RNAi efficiency of UPR^{mt} pathway genes in *rab-3p*::Cas9+*u6p*::*spg-7*-sg; *hsp-6p*::GFP worms. (**B-C**) RNAi against *atfs-1* or *dve-1* significantly suppresses non-autonomous UPR^{mt} in worms with neuronal *spg-7* knockout. n>=60, error bars indicate mean ±SE. A Student's t-test was used to assess significance: *p < 0.05,**p < 0.01,***p < 0.001. (**D**) RNAi against *atfs-1* or neuronal *atfs-1* knockout robustly block the peripheral induction of *hsp-6p*::GFP in *unc-119p*::Tom20::KillerRed strain. *mec-7p*::RFP is used as co-injection marker. (**E**) Knockout of *atfs-1* in each indicated neuron block the peripheral induction of *hsp-6p*::GFP in animals with *spg-7* knockout in the same neuron. *odr-1*p::dsRed is used as co-injection marker.