



Figure S7. Additional data on *sod-3* expression and DAF-16 nuclear translocation. (A-B) qPCR analysis of *sod-3* and *daf-16* expression levels. qPCR reactions were run in triplicates and repeated three times. **(C-F)** Inhibition of ASJ neuron output does not promote nuclear translocation of DAF-16 at 20 °C. Sample images. Left: DIC. Right: fluorescence. *daf-2(RNAi)* serves as a positive control. Error bars: SEM. $n \geq 64$. $**p < 0.001$ (Pearson's chi-square test). Data were quantified as in Figure 7J. **(G-K)** *trpa-1(ok999)* null mutation does not affect nuclear translocation of DAF-16 at 20 °C (G-H) or 25 °C (I-J). $n \geq 50$. Error bars: SEM > Scale bar: 100 μ m.