



**Figure S4. Mild compensatory upregulation of other *sod* mRNAs in *sod-sod* double deletion mutants.** As with the *sod* single deletion mutants, there appears to be some compensatory upregulation of other *sod* genes in the *sod-sod* double deletion mutants but the magnitude of this increase is small. Specifically, all of the *sod-sod* double mutant worms (except those with a deletion in *sod-4*) show an increase in *sod-4* mRNA ranging from 2- to 4-fold. In addition, *sod-2; sod-3* and *sod-2; sod-5* mutant worms show an approximately 2-fold increase in *sod-1* mRNA. \*  $p < 0.05$ .