



SUPPLEMENTARY FIG. S3. Characterization of *mpst-1* knockout animals. (A) Brood size determined over a period of 8 days (after L1) of wild-type and *mpst-1* knockout *C. elegans*. Results show mean \pm SE. (B) qPCR quantitation of genes encoding for 3-MST (*mpst1-7*) in *mpst-1* knockout animals. Data show expression of each gene relative to control, that is, N2/wild-type expression (100%) and are mean \pm SE of four separate experiments using at least 5000 animals per experiment, * $p < 0.05$. (C) Transverse sections of *C. elegans* showing immunoreactive staining for 3-MST (C, E) and corresponding 4',6-diamidino-2-phenylindole-stained nuclei (D, F) in wild-type (C, D) and *mpst-1* knockout (E, F) animals. Magnification is $\times 20$. Horizontal bar shows scale (100 μ m).