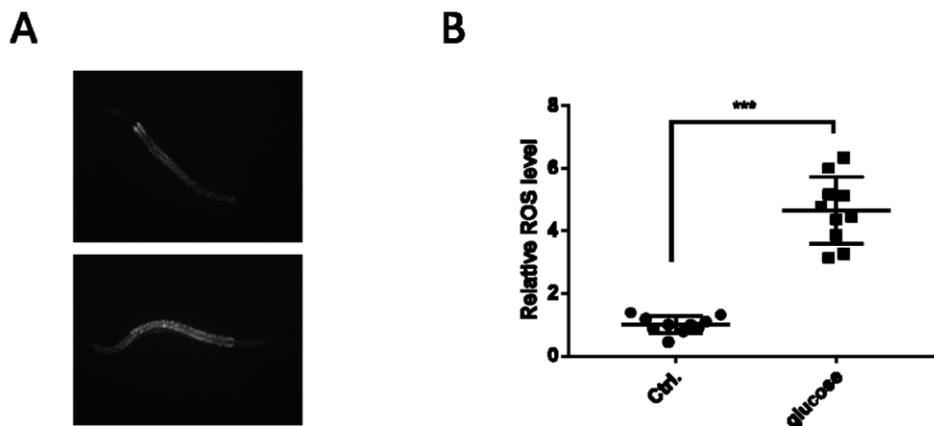


## SUPPLEMENTARY FIGURE



**Supplementary Figure 1. Long term glucose treatment increases overall ROS in *C. elegans*.** (A) Animals at day-10 of adulthood were incubated in M9 buffer containing 3  $\mu$ M Dihydroethidium (DHE) for 30 min washed extensively with M9 buffer again before imaging. Representative images of 2 independent experiments were shown. (B) Quantification of DHE-stained ROS in day-10 adulthood by ImageJ. 10 images were randomly selected from 2-independent experiment and signal intensity were quantified. Reads were normalized to the average value of control (Ctrl) group and plotted as relative ROS levels. P value was derived from student's t-test: \*\*\*,  $P < 0.0005$ .