Knocking down sod-1 (red) or sod-2 (blue) does not shorten the long lifespan of *nuo-6(qm200)* mutant. In fact silencing these two genes slightly increases the lifespan of *nuo-6* mutants. Mean lifespan of control (empty vector) is 33 days (green), mean lifespan after sod-1 RNAi treatment is 35 days and mean lifespan after sod-2 RNAi treatment is 36.5 days, p<0.05 for both RNAi experiments compare to control, analyzed by curve comparison using the log-rank test.