



Figure S2. Heteroallelic *sod-2* mutant worms show extended lifespan. A) *sod-2(gk257)* males were crossed with *sod-2(ok1030)* hermaphrodites such that all of the resulting males would be heteroallelic *sod-2(gk257/ok1030)* mutant worms. These worms lived as long as homoallelic *sod-2(gk257)* males and both lived longer than wild-type N2 males. B) *sod-2(gk257)* males were crossed with either *dpy-17* (control) or *sod-2(ok1030);dpy-17* hermaphrodites. Examining the lifespan of the resulting non-dumpy hermaphrodite offspring shows that *sod-2(gk257/ok1030);dpy-17* hermaphrodites live longer than *sod-2(gk257/+);dpy-17* hermaphrodites. In both cases *sod-2* mutant worms bearing both the *gk257* and *ok1030* allele together show extended lifespan suggesting that deletion of *sod-2* is responsible for the lifespan extension seen in *sod-2* homoallelic worms.