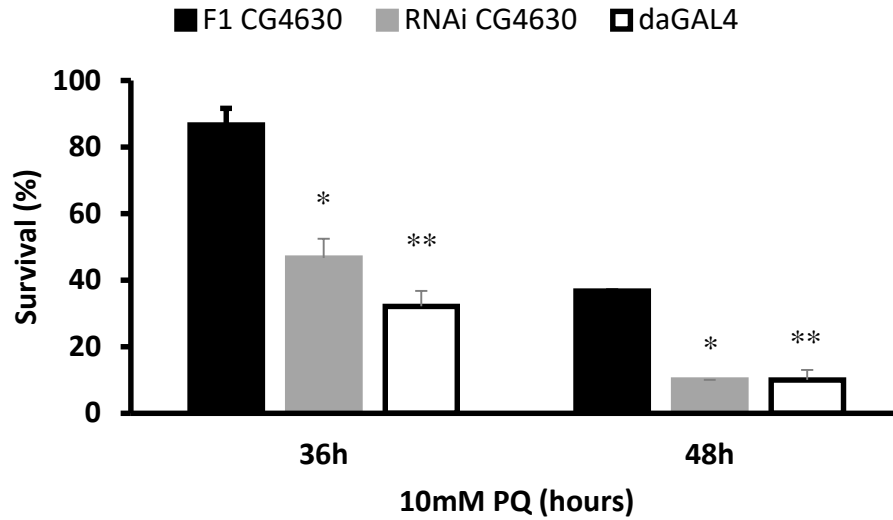


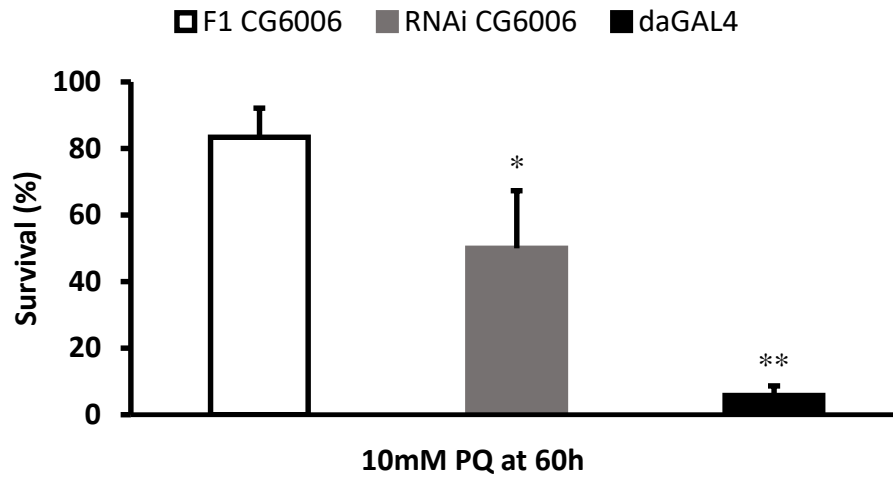
Supplementary Figure 1: *CG6126* RNAi knockdown shows resistance to oxidative stress.

Parent lines: BDSC Stock 56038, red eye *daGAL4*. Error bars represent standard error (S.E.), F1 v RNAi $p=0.0012051$ and F1 v daGAL4 $p=0.0010053$ at 36h. F1 v RNAi $p=0.0010053$ and F1 v daGAL4 $p=0.0010053$ at 48h. F1 v RNAi $p=0.0010053$ and F1 v daGAL4 $p=0.0010053$ at 60h. ** $p<0.01$.

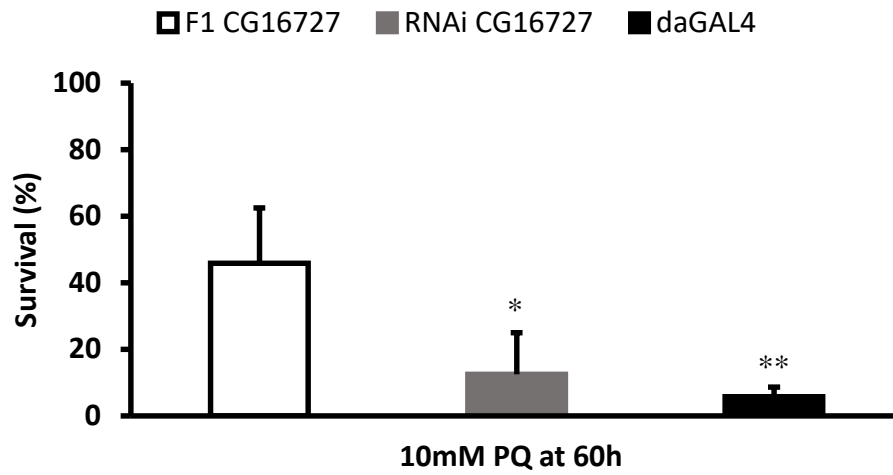


Supplementary Figure 2: *CG4630* RNAi knockdown shows resistance to oxidative stress.

Parent lines: BDSC Stock 61249, red eye *da⁻GAL4*. Error bars represent standard error (S.E.), F1 v RNAi $p=0.021328$; F1 v daGAL4 $p=0.0010053$ at 36h. F1 v RNAi $p=0.0295573$; F1 v daGAL4 $p=0.0055523$ at 48h. * $p<0.05$, ** $p<0.01$.



Supplementary Figure 3: *CG6006* RNAi knockdown shows resistance to oxidative stress. Parent lines: BDSC Stock 55282, red eye *da⁻GAL4*. Error bars represent standard error (S.E.), *indicates time point with statistically significant increased percent survival of F1 when compared to both parent lines. F1 v RNAi $p=0.0362421$; F1 v daGAL4 $p=0.0010053$ at 60h. * $p<0.05$, ** $p<0.01$.



Supplementary Figure 4: *CG16727* RNAi knockdowns show resistance to oxidative stress. Parent lines: BDSC Stock 57434, red eye *da⁻GAL4*. Error bars represent standard error (S.E.), *indicates time point with statistically significant increased percent survival of F1 when compared to both parent lines. F1 v RNAi $p=0.0453956$; F1 v daGAL4 $p=0.00233$ at 60h. * $p<0.05$, ** $p<0.01$.