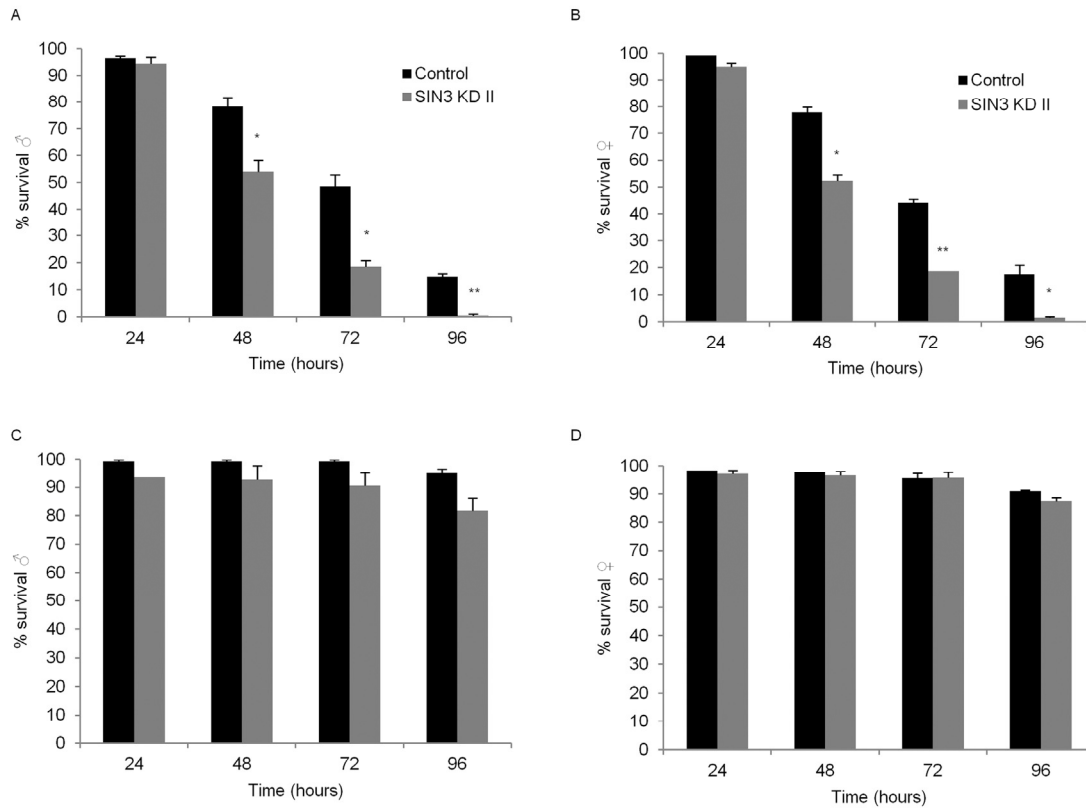


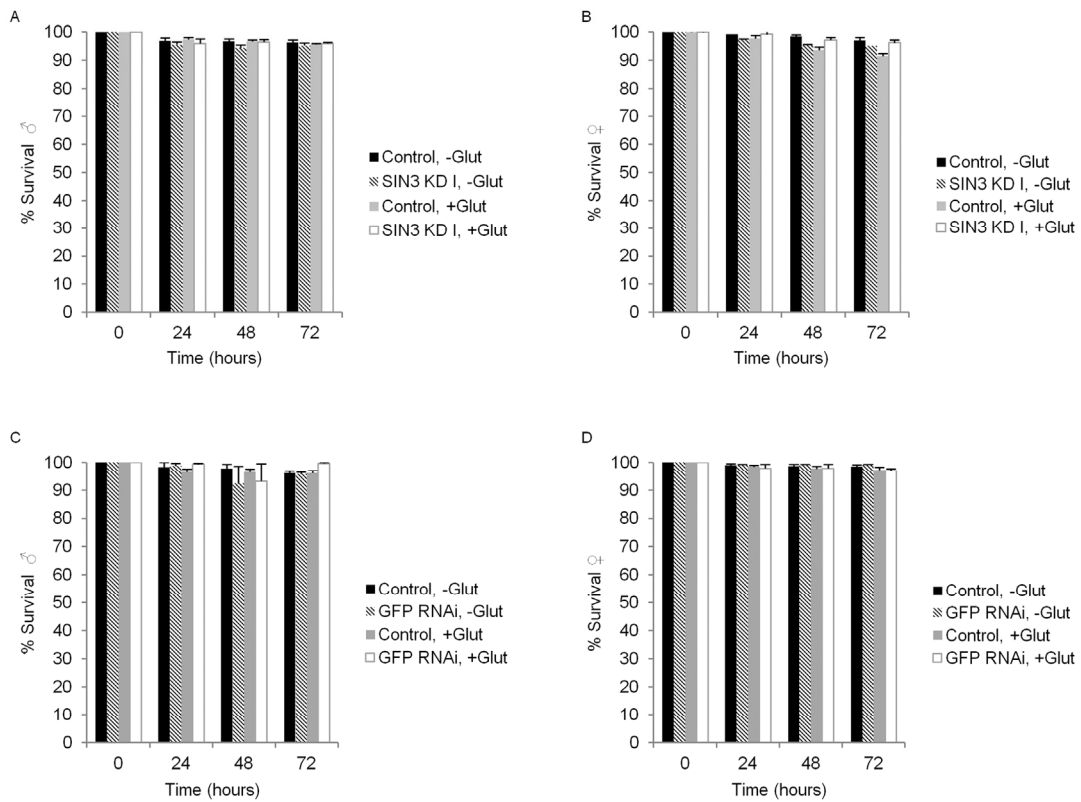
SUPPLEMENTAL DATA



Supplemental Figure 1. (A, B) Ubiquitous *Sin3A* knockdown (KD II) results in greater sensitivity to paraquat. Survival of control (-RU486) or SIN3 KD II (+RU486) flies on 3 mM paraquat is indicated. (C, D) *Sin3A* knockdown (SIN3 KD II) does not significantly affect survival on 5% sucrose (0 mM paraquat). Error bars standard error of the mean. * p<0.01, ** p<0.001.

Supplemental Table 1. Primer pairs used in this study

Gene	Forward primer sequence 5' -> 3'	Reverse primer sequence 5' -> 3'
<i>Sin3A</i>	TTGCTCCAATGCTGTTCGC	GGTTGGCGAATCCTGCGCTC
<i>Taf1</i>	GTGGAGGAGCCAAGGGAGCC	TCCCGCTCCTTGTGCGAATG
<i>Pgk</i>	CCCCCGGTGTCTTTGAG	GCCGTCCATGATGGACTTG
<i>Tor</i>	ACTGGAGACTGTTGGATGTGGAC	GCTGTAGAGTCGGATCGTAGG
<i>S6k</i>	CGCTGCTGTTCTGTCTGTACTG	GGCGAGTGCATTCTGTTTGG
<i>4E-BP</i>	GCTAAGATGTCCGCTTCACC	CCCGCTCGTAGATAAGTTTGG
<i>Foxo</i>	AGCAGCAGCAACAGCAACAG	GCCAGCGGTATATTGATGTCCAG
<i>Sir2</i>	CAATAAGGAGCAGAGCGTGATG	TTCAGCGAGGAGCCGATCAC
<i>Cat</i>	GCCTGTCTCTCTGCTGTCC	GGCTGGCGTTGCTCAAATGG
<i>Sod</i>	AACATCACCGACTCCAAGATTACG	CAATAACGCCGCACCCGATG
<i>Gclc</i>	CTCACCACGGAATCCTGC	GCTAATCACCGGCCAC
<i>Gclm</i>	CATCCGTCCTTCTCCG	GCGTGGTGGTTGAAAAGG
<i>GS</i>	GGGCCAGTCCAAGGAGTT	TCGTAGCCAGCTCGGAAG
<i>CG32495</i>	GCGCAAGGAGTTCGAAA	AGATTGGCCGTGAACTCG



Supplemental Figure 2. *Sin3A* knockdown (KD I) does not affect survival on 5% sucrose with or without glutathione supplementation. Survival of control (-RU486), SIN3 KD I or GFP RNAi (+RU486) flies with the addition of 0.22 Mm glutathione (+Glut) or no glutathione (-Glut) on 5% sucrose (0 mM paraquat) is indicated. Error bars standard error of the mean. **A** and **B** SIN3 KD I; **C** and **D** GFP RNAi serves as additional control.