



SUPPLEMENTARY FIG. S6. One hour of APAP intoxication did not affect JNK phosphorylation, but differentially depleted GSH in SIRT1-WT and SIRT1-Tg mice. (A) Representative immunoblots showing phospho-JNK and total JNK as a loading control. (B) After quantification of all blots, results are expressed as fold change relative to control (vehicle) condition and are mean \pm SEM. Statistical analysis was performed by two-way ANOVA followed by Bonferroni *post hoc* test. * $p < 0.05$, ** $p < 0.01$ versus control (vehicle) condition. $n = 5-6$ mice per group. (C) Reduced GSH levels were analyzed in livers from SIRT1-WT and SIRT1-Tg mice treated with APAP for 1 h. Values are mean \pm SEM. Statistical analysis was performed by two-way ANOVA followed by Bonferroni *post hoc* test. *** $p < 0.001$ versus each control (vehicle) condition. # $p < 0.05$, ## $p < 0.01$ versus SIRT1-WT mice. $n = 5-6$ mice per group. GSH, glutathione.