



Supplementary Figure 1. Tpl2 inhibitor specifically blocks Tpl2 activity effects and Tpl2^{-/-} have no improvement of survival nor function. **a-b:** Caspase-3/7 activity in mouse islets from **a:** WT (Tpl2^{+/+}) or **b:** Tpl2-deficient (Tpl2^{-/-}) untreated (Ctrl) or treated for 24 h with cytokine mix (CK) with or without Tpl2-I (3 μM). Data are mean ± SEM (N=8/group). *P<0.05 vs CK (one-way ANOVA). **c-d:** Insulin secretion in response to glucose (3mmol/L (G3) vs 15mmol/L (G15)) on the same conditions that **a and b**. Data are mean ± SEM (N=8/group). *P<0.05 G15 vs G3 (one-way ANOVA). **e and f:** intraperitoneal (*ip*) Glucose tolerance test performed in Tpl2^{+/+} and Tpl2^{-/-} mice (**e**), with associated plasma insulin level (**f**).