Supplementary Figure

SSM2 $^{+/-}$ and R-YFP $^{+/-}$ embryonic fibroblasts were exposed to 3 μM TAT-Cre. After 24 hours cells were treated for detection of activated caspase using Fluorochrome inhibitor of caspases (FLICA) following manufacturer's protocol (Immnuohistochemistry Technologies, LLC, Polycaspase FLICA KIT #916). Apoptotic cells with activated caspase appear red (A and B) while cells expressing EGFP (A) or YFP (B) appear green. Nuclei are stained blue by Hoechst stain.

SSM2$^{+/-}$/R-CreER$^{+/-}$ mice were injected intraperitoneally with 0.2 mg/kg or 0.1 mg/kg every 3rd or every 5th day (C). Similarly, R-DTA$^{+/-}$/R-CreER$^{+/-}$ mice were injected intraperitoneally with 0.2 mg/kg or 0.1 mg/kg every 3rd or every 5th day (D). The number inside the boxes represent the average days till death induced within injected mice. While there is clearly a dose (amount and frequency) dependency of SYT-SSX2 induced lethality in SSM2$^{+/-}$/R-CreER$^{+/-}$ mice (C), it is not as potent as lethality induced by diphtheria toxin (D).