Supplementary Figure 2

A  TUNEL

WT

KO

B  Spleen

- X Ray  + X Ray

7.5 dpc Embryos

WT  KO

C  Spleen

- X Ray  + X Ray

7.5 dpc Embryos

WT  KO

Anti p53

8.5 dpc Embryos

WT  KO

Anti H2AX

8.5 dpc Embryos

WT  KO
Supplementary Figure 2. Increased apoptosis in Suz12 KO embryos, but lack of a DNA damage response.

A: Different magnifications of TUNEL staining in WT (top panels) and KO (bottom panels) 8.5 dpc embryos. B and C: IHC staining of p53 and H2AX in WT and KO 7.5 (middle panels) and 8.5 (bottom panels) dpc embryos, showing no activation of both p53 and H2AX in SUZ12 -/- embryos. Staining of irradiated (X-ray; collected 6 hours after 8 Gy treatment) and control spleens of adult mice (top panels) is presented as control for the specificity of the antibodies.