

Legend of Supplemental Figure 1.

Reconstitution of radiation chimera with liver cells derived from Lsh^{-/-}p53^{-/-} embryos

- a. Survival curve of mice transplanted with fetal liver cells derived from Lsh^{-/-}p53^{-/-} (n=43) and Lsh^{+/+}p53^{-/-} (n=46) embryos.
- b. Leukocytes counts in peripheral blood. Each dot represents an individual animal.
- c. Hematocrit analysis of peripheral blood from mice receiving Lsh^{-/-} or Lsh^{+/+} donor cells. The P value (**) was not significant for day 41.
- d. Reduced engraftment efficiency in Lsh^{-/-}p53^{-/-} fetal liver transplanted mice as determined by CD45.1⁺ and CD45.2⁺ FACS analysis.
- e. FACS analysis of bone marrow of reconstituted animals using distinct antibodies against the indicated cell surface antigens Mac1, GR1, transferrin receptor (Trans), TER119 (Ter), IgM and B220.