



Extended Data Figure 2 | A single dose of ethanol precipitates bone-marrow failure in $Aldh2^{-/-} Fancd2^{-/-}$ mice. **a**, A single dose of ethanol (5.8 g kg^{-1} , injected intraperitoneally) leads to anaemia in $Aldh2^{-/-} Fancd2^{-/-}$ mice one to two months after treatment (P calculated by Mantel-Cox test; n = number of mice). **b**, Haematoxylin and eosin

staining of bone marrow sections 30 days after ethanol treatment (original magnification, $\times 100$). **c**, Full blood-count analysis for $Aldh2^{-/-} Fancd2^{-/-}$ and control mice, before injection and terminal bleeds after ethanol treatment (P calculated by paired t -test; data shown as mean and s.e.m.; n = number of mice, as in **a**).