



Extended Data Figure 4 | Endogenous aldehydes mutate the HSC genome. Circos plots showing the mutations observed in all sequenced HSC clones (wild type, $n = 3$; *Aldh2*^{-/-}, $n = 3$; *Fancd2*^{-/-}, $n = 4$; and *Aldh2*^{-/-}*Fancd2*^{-/-}, $n = 5$ HSC genomes). Substitutions, indels and rearrangements are plotted.