

Supplementary information, Fig. S4 Generation and validation of ddx3xb mutant. a, The upper panel shows the gRNA target site in ddx3xb, the lower panel illustrates the 22 bp deletion in the ddx3xb mutant. b,c, WISH (b) and qPCR (c) analyses demonstrating that the expression of ddx3xb was almost absent in the ddx3xb MZ mutants. Scale bars, 100 µm. Error bars, mean \pm SD, n = 3 biological replicates. P values were calculated by the two-tailed Student's t-test, ***, t < 0.001. d, Western blot demonstrating the absence of Ddx3xb protein in the t-test and t-test and