



Supplementary information, Fig. S13 Ddx3xb regulates the translation efficiency of *smarcad1a* in a condensation-dependent manner. **a**, Relative mRNA level (4.8 hpf versus 0.5 hpf) of GFP under the control of 5'UTR of *smarcad1a* in wild-type, *ddx3xb* mutant, *ddx3xb_{FL}* rescue or *ddx3xb_{ΔN}* rescue embryos.. $n = 3$, error bars, mean \pm SD, P values were determined by the two-tailed Student' s t test, P , not significant. **b,c**, Protein level of 5'UTR (*smarcad1a*)-GFP reporter at 4.8 hpf in different embryos shown by fluorescence intensities (**b**). Some pictures of representative embryos are shown. Scale bars, 100 μ m. Relative fluorescence intensity (GFP/mCherry) is shown in (**c**), $n = 20$ for each group. Error bars, mean \pm SD, P values were determined by the two-tailed Student' s t test, ***, $P < 0.001$.