



SUPPLEMENTARY FIG. S4. Expression of *hbae1* in *Ddx46*^{hi2137/hi2137} mutants is rescued by *Ddx46* mRNA overexpression. (A–C) The expression of *hbae1* was examined by whole-mount in situ hybridization at 3 dpf. All are lateral views, anterior to the left. The expression of *hbae1* in the EGFP mRNA-injected *Ddx46*^{hi2137/hi2137} larvae ($n=14/14$) was markedly lower than that in the EGFP mRNA-injected *Ddx46*^{hi2137/+} larvae ($n=9/9$) at 3 dpf (A, B). The expression of *hbae1* in *Ddx46*^{hi2137/hi2137} larvae was rescued by *Ddx46* mRNA overexpression at 3 dpf (13 of 13 *Ddx46* mRNA-injected mutants were rescued) (B, C). The scale bar represents 100 μm . *hbae1*, hemoglobin alpha embryonic-1.