



Supplementary Information, Figure S10. Role of *eef2k* in mediating *miR-132* effects on brain vascular integrity. (A and B) Representative images (A) and Summary (B) showing the injection of *miR-132* RNA together with *tdTomato-eef2k* 3' UTR mRNA and *GFP* mRNA reduces the expression of tdTomato in zebrafish embryos at 1 dpf. GFP signal is used as an internal control. (C) Representative images showing the rescue effect of *eef2k* knockdown on *miR-132* knockdown-induced DAPI leakage in the brain. (D) Representative images showing the effect of EC-specific *Eef2k* overexpression on DAPI leakage in the brain. Scale bars, 100 μm (top) and 20 μm (bottom) (C and D). Error bars, SEM. *** $P < 0.001$ (unpaired two-tailed Student's *t* test).