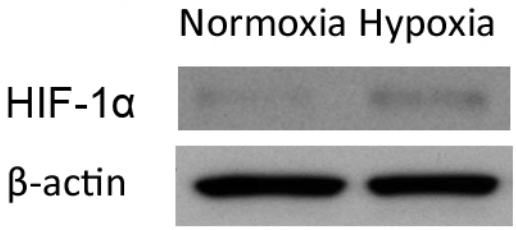
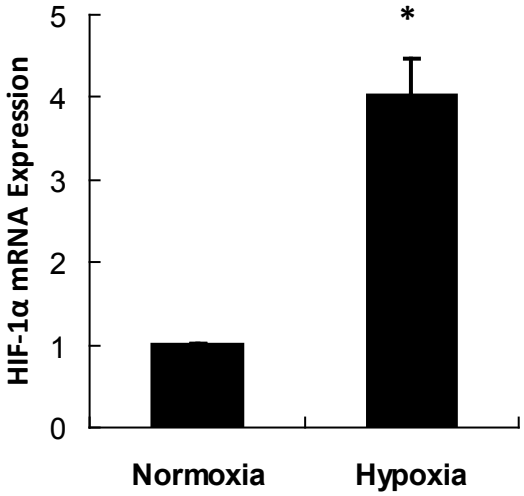
SUPPLEMENTAL MATERIAL



A



B

Figure S1. Expressions of HIF-1α in control and hypoxia-induced RF/6A cells. One milliliter of cells (1×10^5 cells/well) were plated into one well of a six-well culture plate. Hypoxic cultures were transferred in a hypoxic incubator. Parallel cultures were kept in normal oxygen levels. The protein and mRNA expressions of HIF-1α were analyzed by immunoblotting and real time PCR. A. The protein expression of HIF-1α increased in RF/6A cells at 24 h after hypoxia treatment compared with control. It was one representative blot of three independent experiments. B. Real-time PCR showed increased mRNA expression of HIF-1α induced by hypoxia for 24 h. Data were presented as the mean ± SD of three independent experiments. * $P < 0.05$.

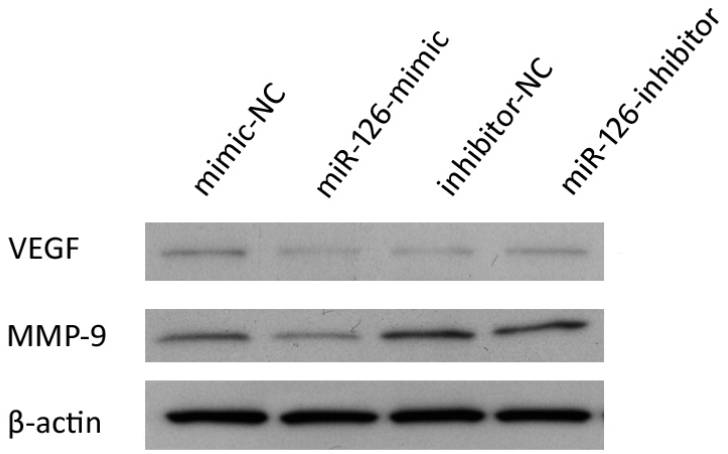


Figure S2. Effect of miR-126 on the VEGF and MMP-9 expressions in RF/6A cells pretreated with miR-126-mimic or miR-126-inhibitor under normoxic condition. The RF/6A cells were treated with miR-126-mimics, miR-126-inhibitors, or negative controls for 6 h and then kept under normoxic levels for 24 h. The protein expression of VEGF and MMP-9 was analyzed by immunoblotting. The effect of miR-126 on VEGF and MMP-9 was slight, and the difference was not significant under normoxic conditions. It was one representative blot of three independent experiments.