

Supplementary Figure S1

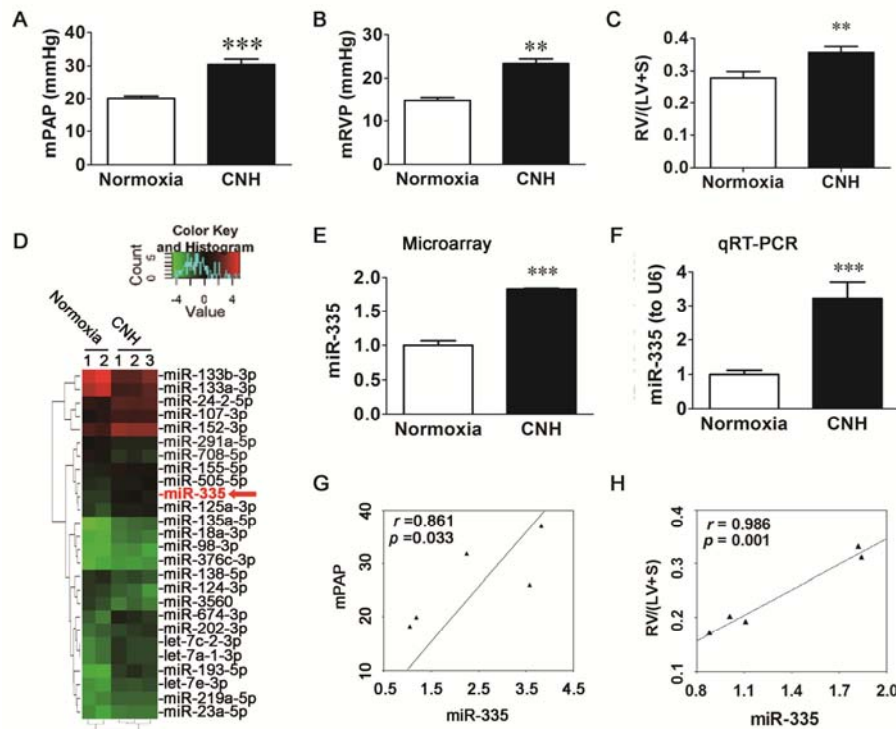


Figure S1: Chronic normobaric hypoxia (CNH) exposure induces pulmonary arterial hypertension (PAH) and upregulates miR-335 expression in the lungs of rat. CNH exposure significantly increased mPAP (A), mean right ventricular pressure (mRVP) (B), and RV/LV+S (C) in rats (N=5-8 per group). (D) Heat map and sample clustering analysis of the differential expressed miRs in the lungs of rat. (E) Microarray and quantitative RT-PCR (F) analysis of miR-335 expression in the lungs of rat (N=2-3 per group). (G) Correlation analysis between miR-335 and mPAP, and (H) Correlation analysis between miR-335 and RV/LV+S. Values shown are means±s.e.m. ** $p < 0.01$, *** $p < 0.001$ vs. Normoxia.