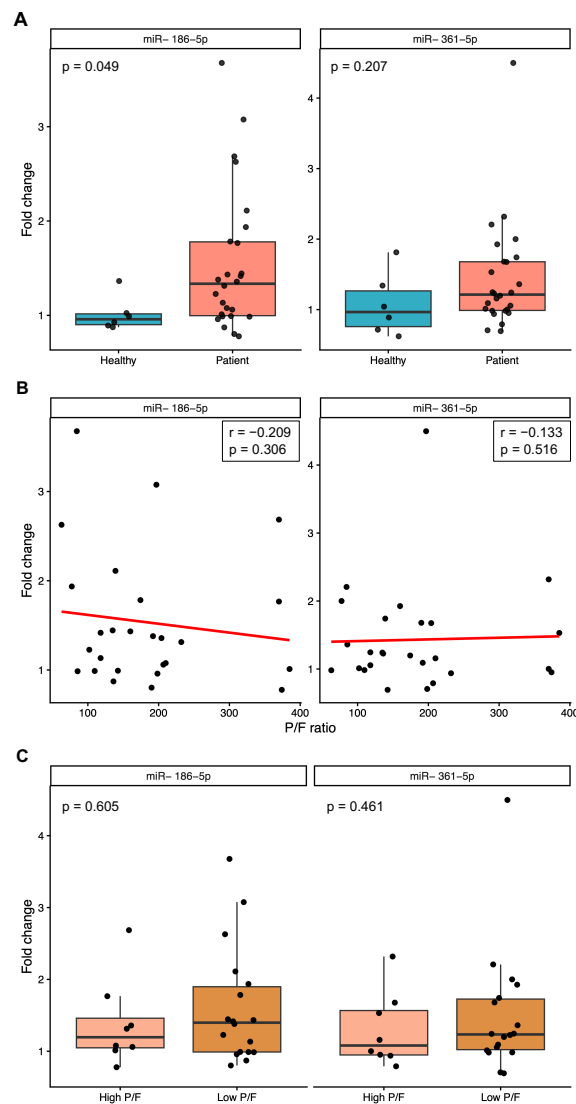


Supplementary Fig. 5



Reverse transcription quantitative polymerase chain reaction (RT-qPCR) analysis of miR-186-5p and miR-361-5p expression and their association with oxygenation status in ARDS patients

(A) Comparison of miR-186-5p and miR-361-5p expression levels between healthy controls (Healthy) and ARDS patients (Patient), as measured by RT-qPCR. Box plots represent the median and interquartile range, and each dot represents an individual sample. Relative expression levels were calculated using the $\Delta\Delta C_t$ method and normalized to miR-191-5p.

(B) Correlation analysis between miRNA expression levels and the P/F ratio in ARDS patients. Each dot represents an individual patient. The red line indicates the linear regression fit.

(C) Comparison of miRNA expression levels between patients stratified by a P/F ratio cutoff of 200 into high and low P/F groups. Box plots represent the median and interquartile range, and each dot represents an individual sample. Relative expression levels were calculated using the $\Delta\Delta C_t$ method and normalized to miR-191-5p.