

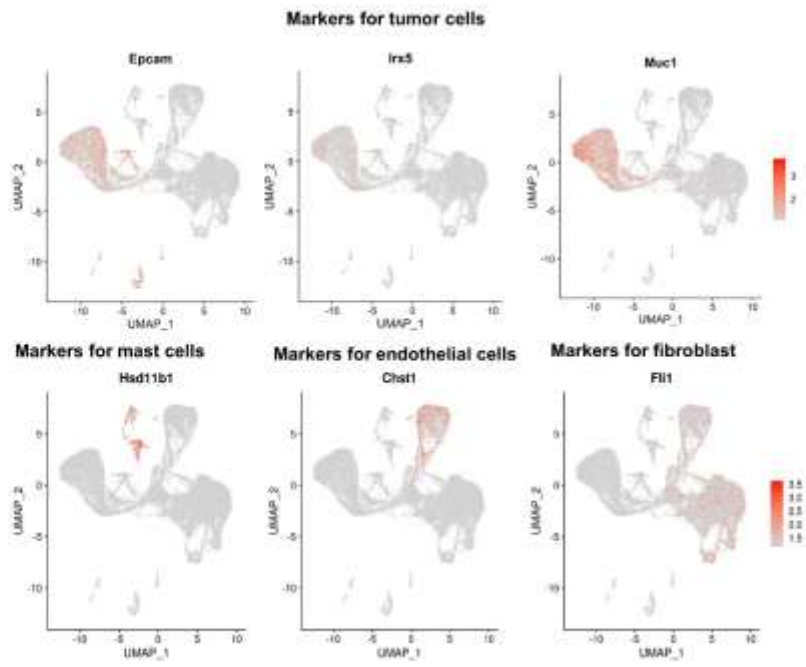


## Supporting Information

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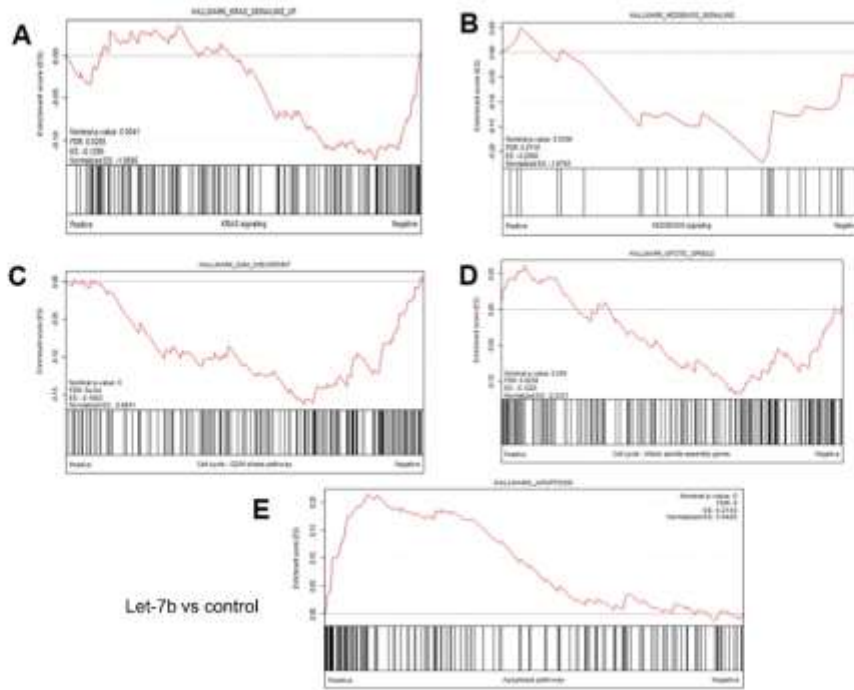
### **Pulmonary Aerosol Delivery of Let-7b microRNA Confers a Striking Inhibitory Effect on Lung Carcinogenesis through Targeting the Tumor Immune Microenvironment**

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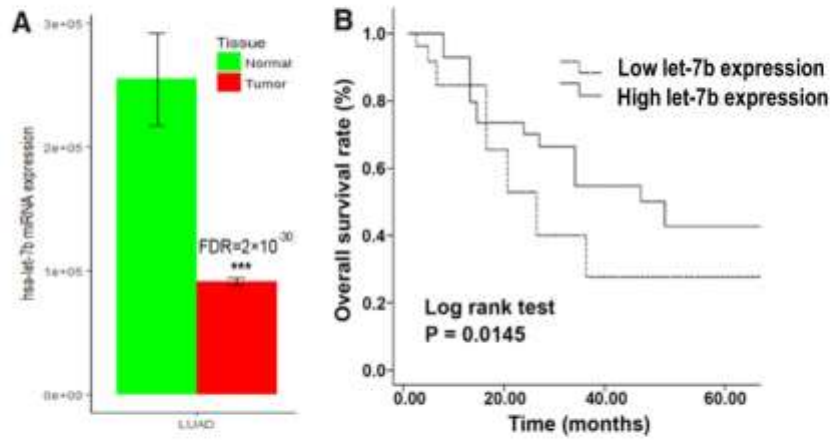
Expression of marker genes for each cell clusters of Cd45- flow sorted single cells

Supplemental figureS2



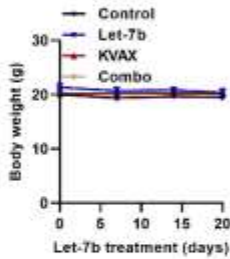
Pathway analysis of scRNA-seq data comparing let-7b treatment to control group.

Supplemental figure S3



Human let-7b expression was decreased in the lung adenocarcinoma tumor samples compared to the control normal lung tissues from TCGA project. The low expression of let-7b was also associated with worse overall survival outcome of lung cancer patients.

Supplemental figure S4



Body weight changes of aerosolized let-7b miRNA or KVAX in the LKR13 lung cancer model