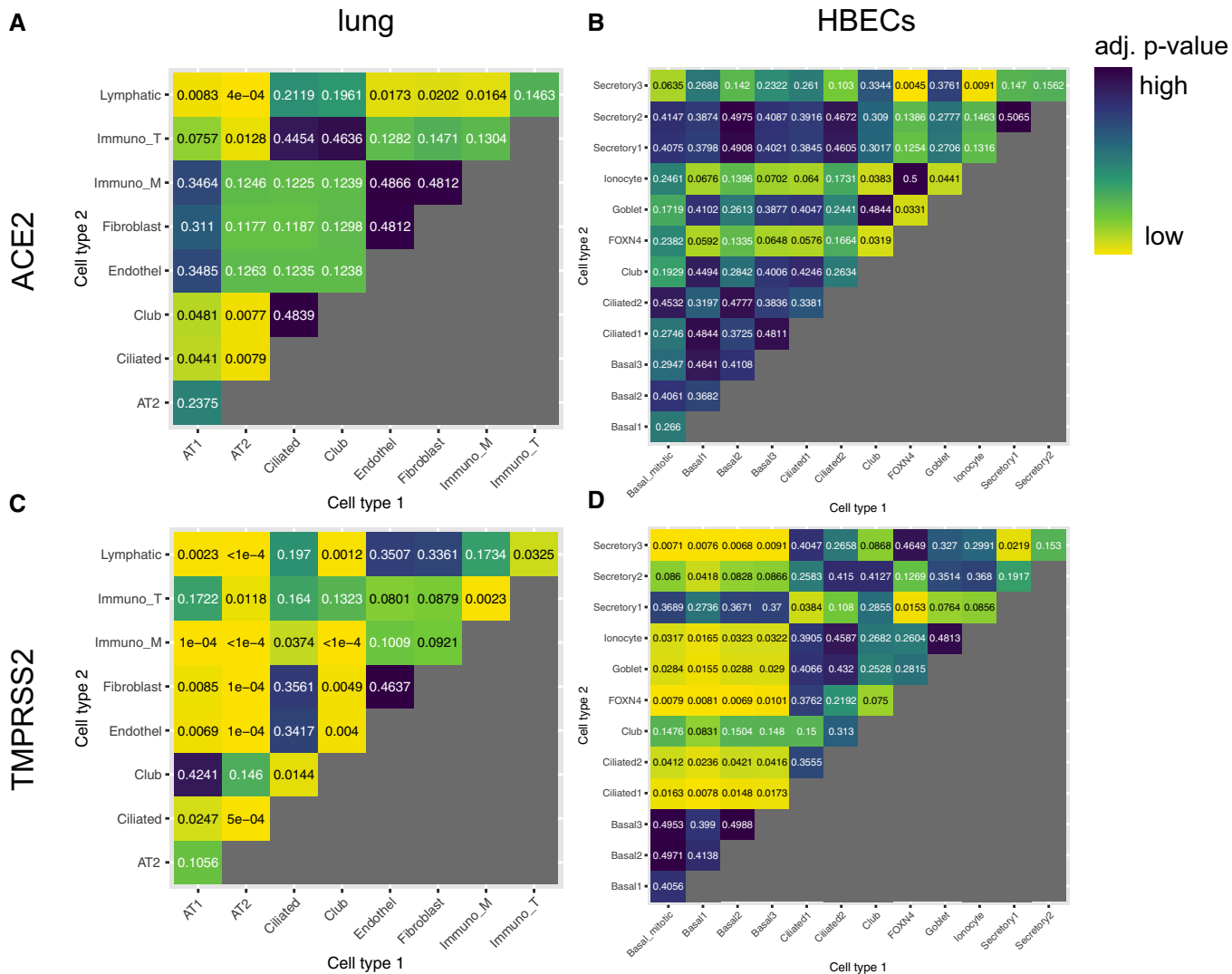# Expanded View Figures

Figure EV1. Statistical analysis of *ACE2* and *TMPRSS2* expression differences.

A–D   Heatmaps indicating the *P*-values of comparisons of expression levels between different cell types in the lung (A, C) and HBECs (B, D).

Data information: Values are obtained from Dunn's *post hoc* test followed by Benjamini–Hochberg correction for multiple testing.
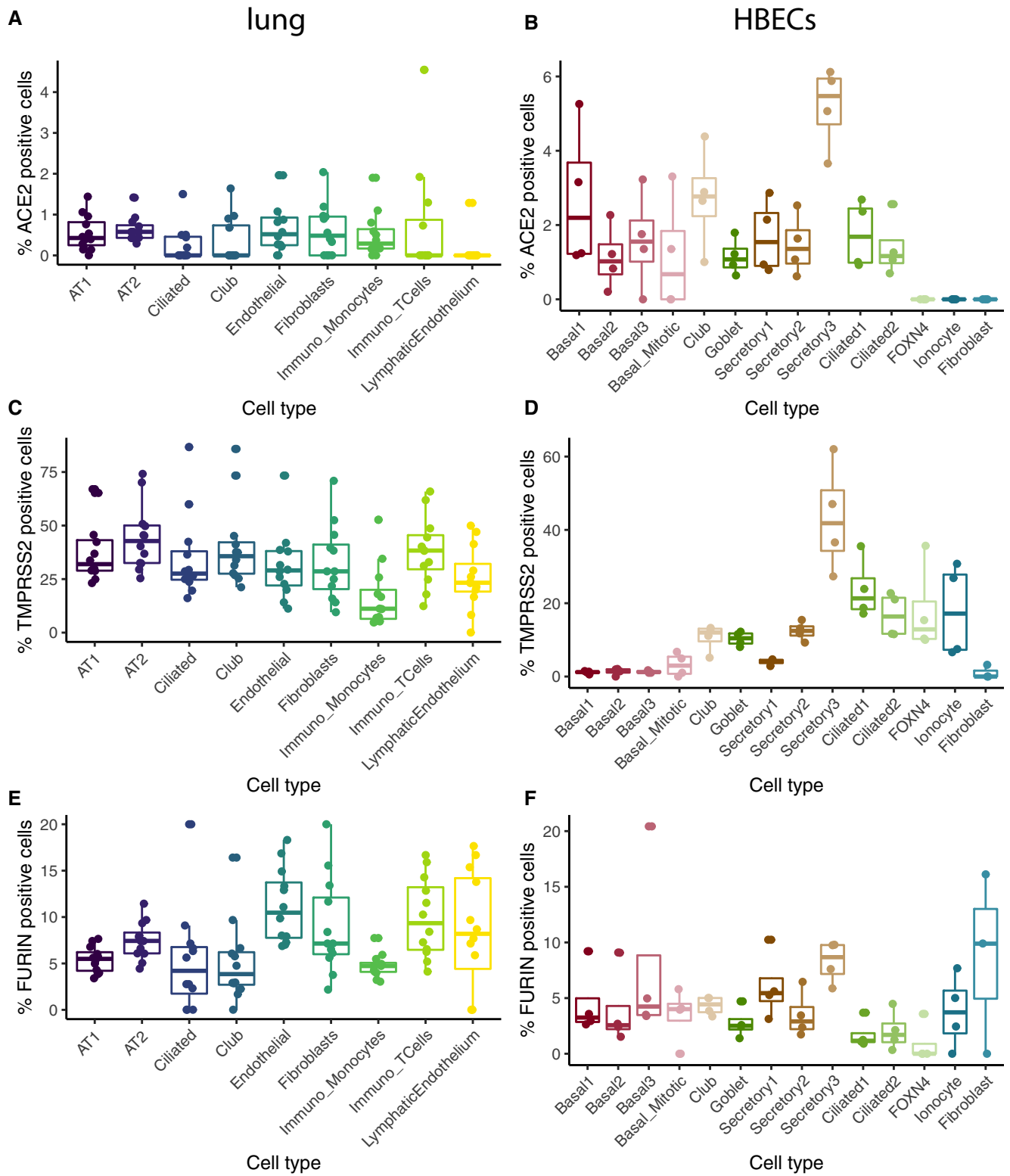
Figure EV2. Percentage of *ACE2*-, *TMPRSS2*-, and *FURIN*-positive cells.

A, B   Percentage of positive cells (defined here as having at least one read of the respective gene) for *ACE2* in the lung (A) and HBECs (B).

C, D   Percentage of positive cells (defined here as having at least one read of the respective gene) for *TMPRSS2* in the lung (C) and HBECs (D).

E, F   Percentage of positive cells (defined here as having at least one read of the respective gene) for *FURIN* in the lung (E) and HBECs (F).

Figure EV3. Expression levels of *ACE2*, *TMPRSS2*, and *FURIN*.

A–C   *ACE2*- (A), *TMPRSS2*- (B), and *FURIN*- (C) expressing cells in the lung plotted on top of the UMAP coordinates. Expression levels are color-coded.

D–F   Dot plot indicating expression of *ACE2* (D), *TMPRSS2* (E), and *FURIN* (F) across different cell types in the lung. Percentage of expressing cells is size-coded; mean expression levels are color-coded.

G–I   *ACE2*- (G), *TMPRSS2*- (H), and *FURIN*- (I) expressing HBECs plotted on top of the UMAP coordinates. Expression levels are color-coded.

J–L   Dot plot indicating expression of *ACE2* (J), *TMPRSS2* (K), and *FURIN* (L) across different cell types in the bronchial epithelium. Percentage of expressing cells is size-coded; mean expression levels are color-coded.
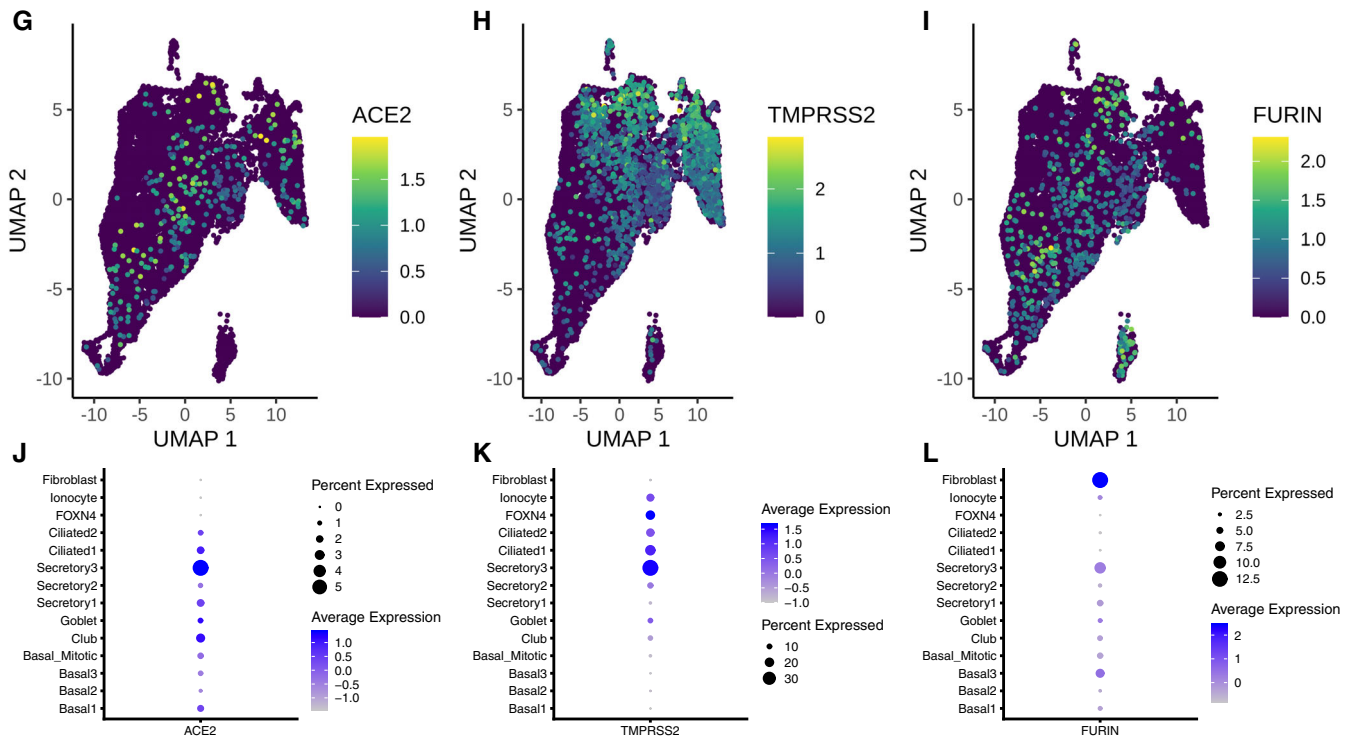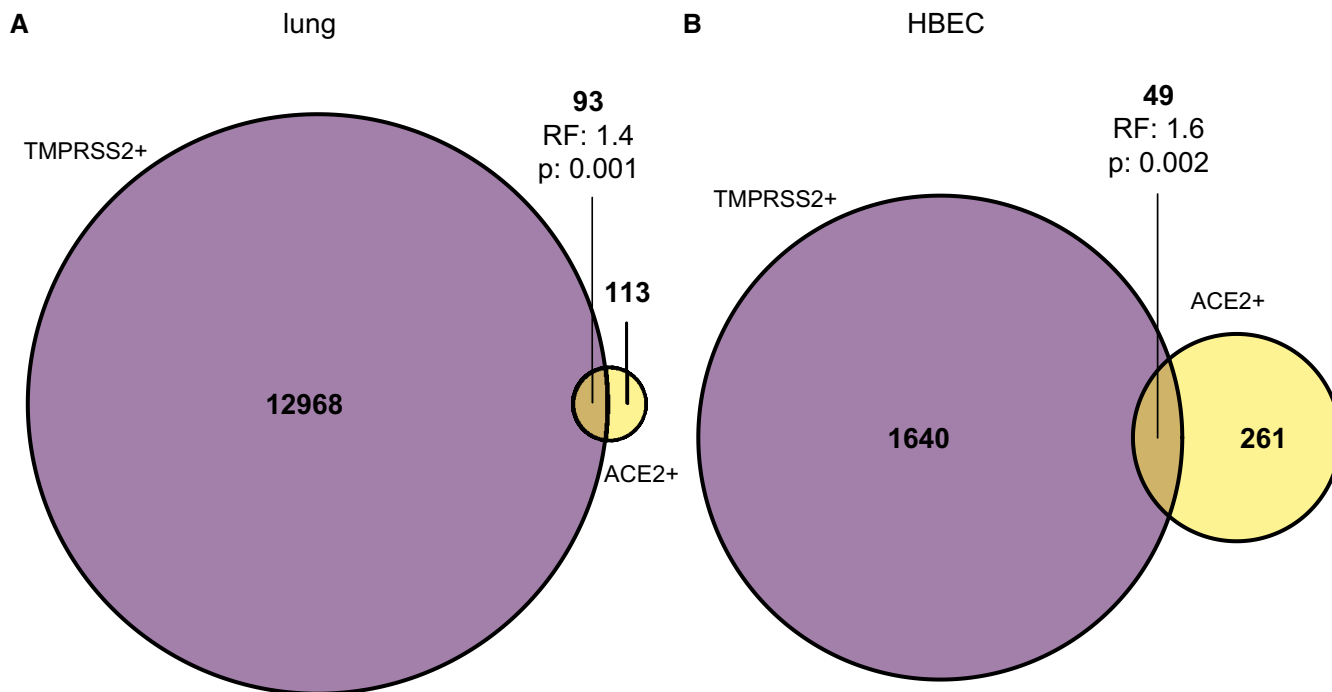
lung
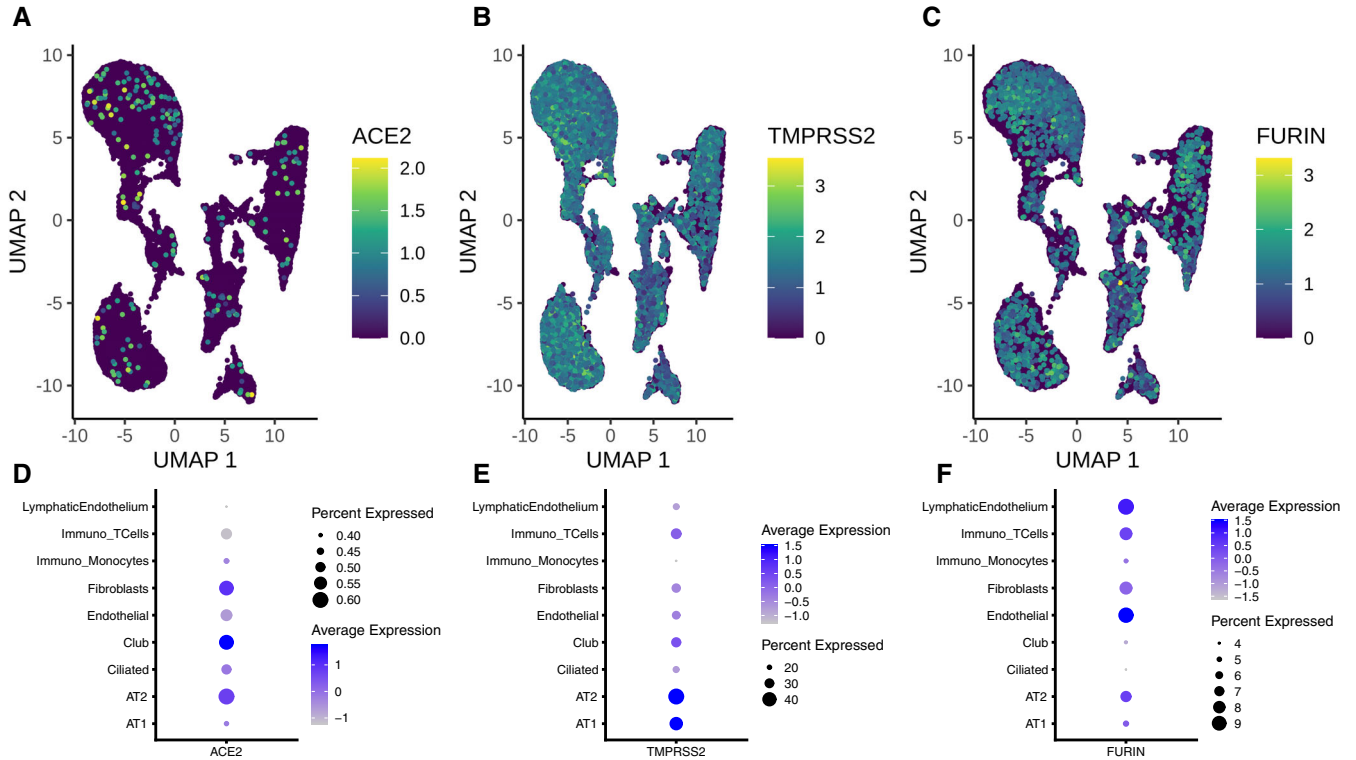
HBECs

Figure EV3.

Figure EV4. Quantification of *ACE2⁺*/*TMPRSS2⁺* double-positive cells.

A, B   Overlaps and enrichment statistics for all *ACE2* and *TMPRSS2* single- and double-positive cells in the lung (A) and HBEC (B) dataset.

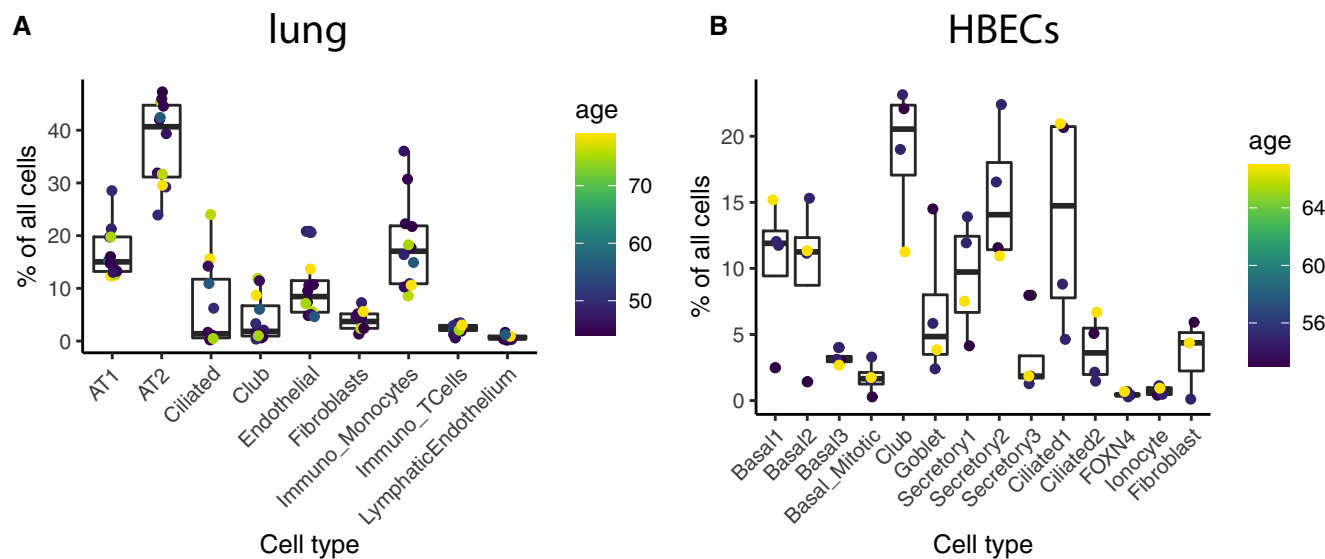Data information: RF: representation factor, enrichment. P: hypergeometric tail probability.

Figure EV5.   Age-dependent cell type composition.

A, B   Cell type composition in the lung (A) and HBEC (B) dataset. Age is color-coded.