

umap2\_2

umap2\_1

Mesenchyme RSPO2+

Airway Smooth Muscle

Pericyte

Endothelial

Mesenchyme SERPINF1-high

Hematopoietic Macrophage

Epithelial

Cartilage

Immune

Neuroendocrine

Secretory progenitor

Bud tip adjacent

Bud tip progenitor

RBC

Hematopoietic, B Cells

Hematopoietic, T Cells

Basal cell

Submucosal gland basal

Hematopoietic, Natural Killer Cell

Multiciliated cell

Intermediate ciliated

Multiciliated precursor

Goblet-like secretory

Club-like secretory

Submucosal gland

Airway Smooth Muscle

Basal cell

Bud tip adjacent

Bud tip progenitor

Cartilage

Club-like secretory

Endothelial

Epithelial

Goblet-like secretory

Hematopoietic, B Cells

Hematopoietic, Macrophage

Hematopoietic, Natural Killer Cell

Hematopoietic, T Cells

Immune

Intermediate ciliated

Mesenchyme RSPO2+

Mesenchyme SERPINF1-high

Multiciliated cell

Multiciliated precursor

Neuroendocrine

Pericyte

RBC

Secretory progenitor

Submucosal gland

Submucosal gland basal