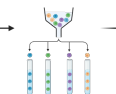


Epcam+CD45-CD31-



Mouse
larynx &
trachea



Single-cell
Suspension



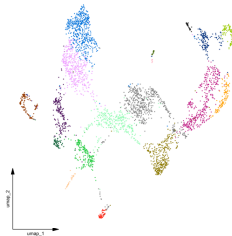
Single-cell
RNA
sequencing

**Upper Respiratory
Epithelium Single Cell
Atlas**

**Regional
Patterning**



**Cellular
Heterogeneity**



Hypopharynx

KRT4+
KRT5+
KRT6A+
KRT13+
KRT14+

KRT4+
KRT5+
KRT6A+
KRT13+
KRT14+
KRT17+

**Vocal
Fold**

KRT4+
KRT5+
KRT6A+
KRT13+
KRT14+
KRT17+

SMGs

KRT4+
KRT5+
KRT6A+
KRT8+
KRT13+
KRT14+
KRT17+

**Tracheal
Hillock**

**Tracheal
Pseudo-
stratified**

KRT5+
KRT6A+
KRT8+
KRT17+