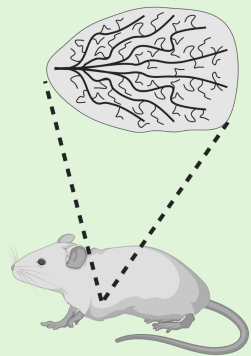


Tissue dissociation and sorting



Basal
(CD29^{high}/CD24⁺)

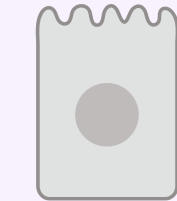
Tspan8⁺



Tspan8⁻



LP
(CD29^{low}/CD24⁺
/CD61^{high})



Alveolar cell



ML

(CD29^{low}/CD24⁺
/CD61^{low})



Myoepithelial
cell

Molecular assays

Gene expression (n = 3)

RNA-seq

Chromatin interactions (n = ≥ 2)

Omni-C™ (long-range)

NG Capture-C (short-range)

Chromatin accessibility (n = ≥ 2)

ATAC-seq

Histone modifications (n = 2)

CUT&Tag: H2AK119ub, H3K4me1,
H3K4me3, H3K9ac, H3K9me2,
H3K9me3, H3K27ac, H3K27me3,
H3K36me3

Polymerase II occupancy (n = 2)

CUT&Tag (RNA Pol II)