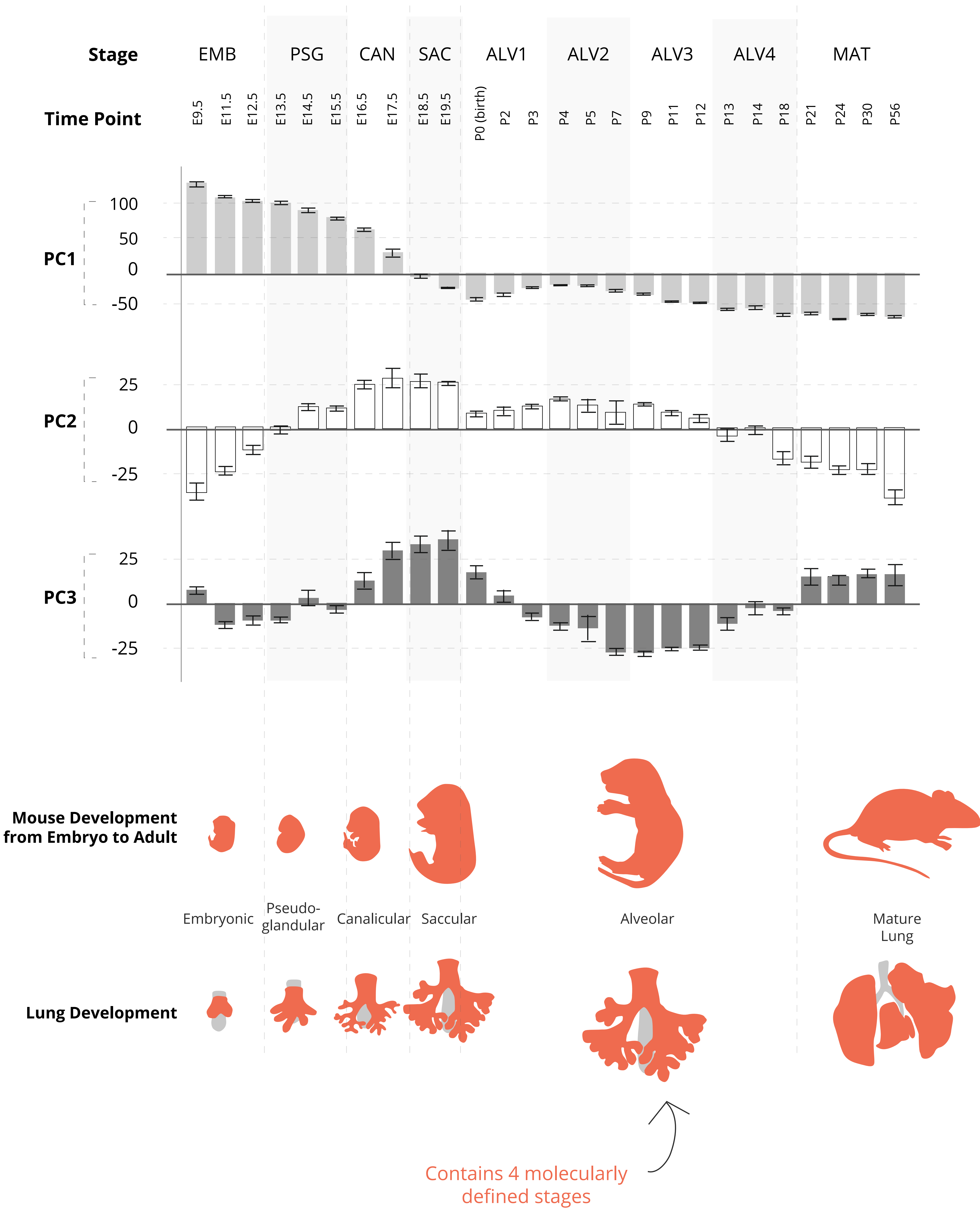


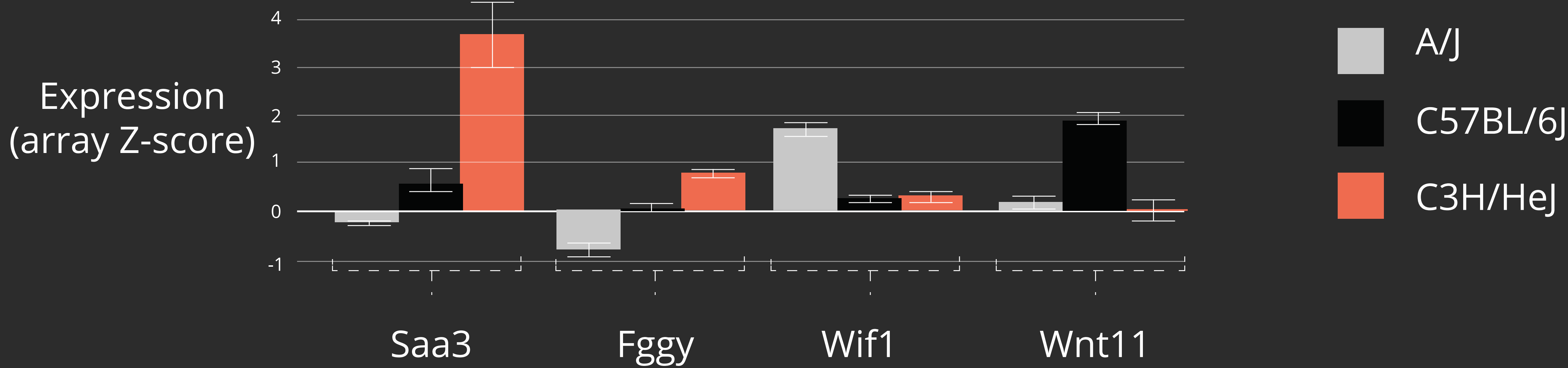
Principal Component Analysis identifies three patterns of genome-wide temporal gene expression common to three inbred mouse strains and supports nine stages of normal murine lung development.



Three inbred mouse strains differ in their susceptibility to pulmonary fibrosis.



Significant differences in expression of selected fibrosis related genes among the strains



Strain-independent patterns of temporal gene expression identify a core set of lung development genes.

Strain-dependent lung development gene expression identifies genetic factors that may underlie differences in adult susceptibility to respiratory disease.

CONCLUSION