



Figure S6: Receiver operating characteristic (ROC) curve for mRNA levels and inferred TF activity (ITFA) for the identification of cell types.

A, ROC curve for *Tal1* mRNA levels and inferred activity for identifying endothelial cells in the *Tabula Muris* lung data. **B**, ROC curve for *Pax5* mRNA levels and inferred activity for identifying B cells in the *Tabula Muris* lung data. **C**, ROC curve for *Mafb* mRNA levels and inferred activity for identifying alveolar macrophages in the *Tabula Muris* lung data. **D**, ROC curve for *Gata1* mRNA levels and inferred activity for identifying Megakaryocyte-erythroid progenitors (MEP) in the blood cell development data. **E**, ROC curve for *Cebpa* mRNA levels and inferred activity for identifying Granulocyte-macrophage progenitors (GMP) in the blood cell development data. **F**, ROC curve for *Stat5a* mRNA levels and inferred activity for identifying Granulocyte-macrophage progenitors (GMP) in the blood cell development data.