



**Figure S5: BITFAM results for the TF EBF1 in the *Tabula Muris* lung dataset**  
**A**, Boxplot of inferred activities of the TF EBF1 in each cell type in the *Tabula Muris* lung data.  
**B**, Top weighted genes of EBF1. **C**, Top 10 significant GO terms of EBF1 enriched by the top 100 positively weighted genes learnt from the *Tabula Muris* lung data.