

## Description of Additional Supplementary Files

**File name:** Supplementary Data 1

**Description:** Paired RNA-seq and ATAC-seq data used for construction of hReg-CNCC.

**File name:** Supplementary Data 2

**Description:** The upstream TFs and REs regulating ALX1.

**File name:** Supplementary Data 3

**Description:** List of human paired gene expression and chromatin accessibility data used in regression of interaction strength.

**File name:** Supplementary Data 4

**Description:** 27 tissues used for control of fold change enrichment of face GWAS.

**File name:** Supplementary Data 5

**Description:** Source data underlying the graphs and charts presented in the main figures.