

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Datasets derived from each sample, including scMultiome sequencing, methylation microarray, CyTOF and the information of the basic lifestyle surveillance.

File name: Supplementary Data 2

Description: Statistics for the scMultiome datasets.

File name: Supplementary Data 3

Description: Statistics for the methylation microarray datasets analyzed in MethyEpic.

File name: Supplementary Data 4

Description: Statistics for the cell type ratio comparison between two groups calculated by the regression model

File name: Supplementary Data 5

Description: Genes that showed age-association in gene expression and/or chromatin openness.

File name: Supplementary Data 6

Description: The statistical scores of age-associated genes in ATAC.

File name: Supplementary Data 7

Description: The statistical scores of age-associated genes in GEX.

File name: Supplementary Data 8

Description: The list of Age-associated genes common to AIDA public dataset

File name: Supplementary Data 9

Description: Data for Figure 2.

File name: Supplementary Data 10

Description: Data for Figure 3D.

File name: Supplementary Data 11

Description: Data for Figure 3E.

File name: Supplementary Data 12

Description: Data for Figure 4CD.

File name: Supplementary Data 13

Description: Data for Figure 4EF.