



Figure S1. Visualization of the regression coefficient matrix on tSNE and PHATE embedding. **(A)** tSNE embedding of the regression coefficient matrix (2000 HVGs are highlighted in red). **(B)** PHATE embedding of the regression coefficient matrix (the 2000 HVGs are highlighted in red). **(C)** Visualization of four selected clusters on the PHATE embedding. Genes of each cluster are highlighted in red.