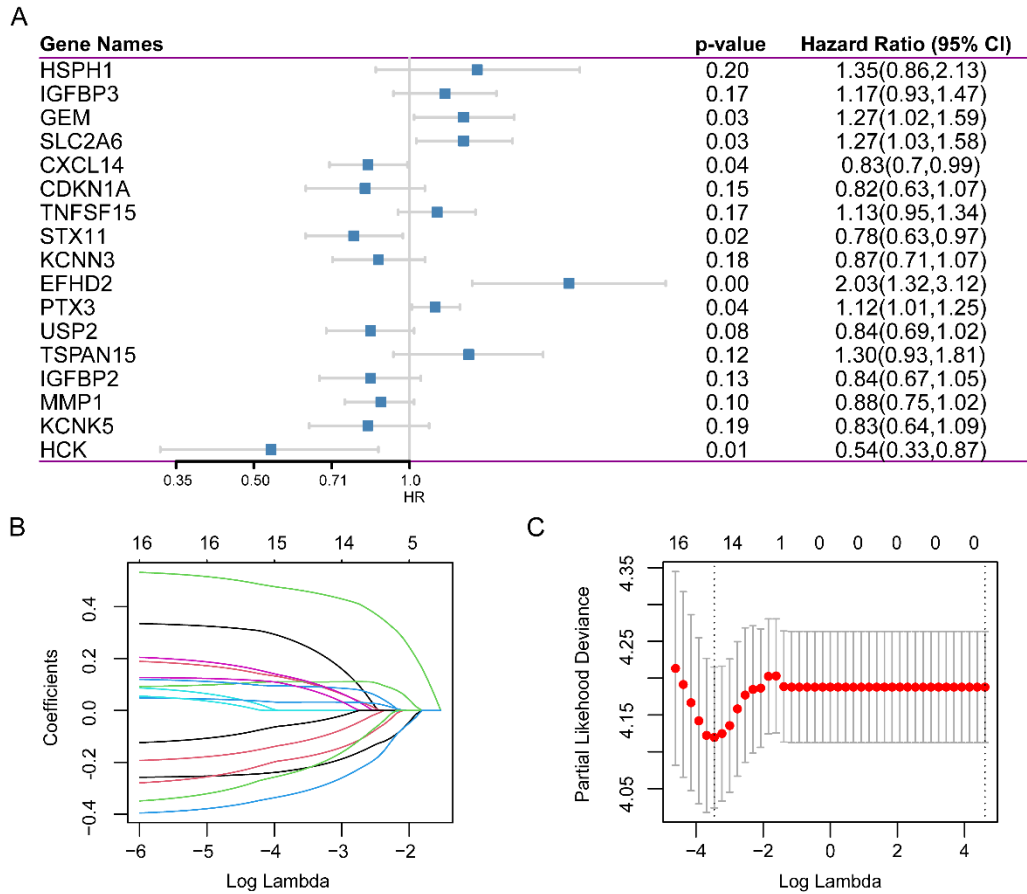
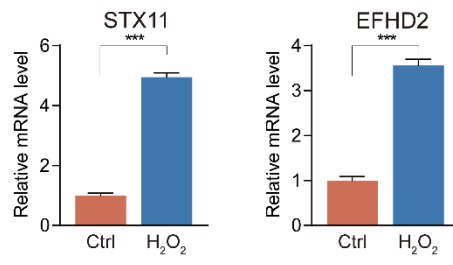


## Supplementary figure



**Figure S1.** Identification of prognostic genes. **(A)** The univariate Cox analysis screened 17 prognostic CAFs senescence-related genes. **(B)** The LASSO regression analysis. **(C)** The partial likelihood deviance of the signature.



**Figure S2.** qRT-PCR analysis of the expression of *STX11* and *EFHD2* in control and H<sub>2</sub>O<sub>2</sub>-treated MRC-5 cells. \*\*\*,  $p < 0.001$ .