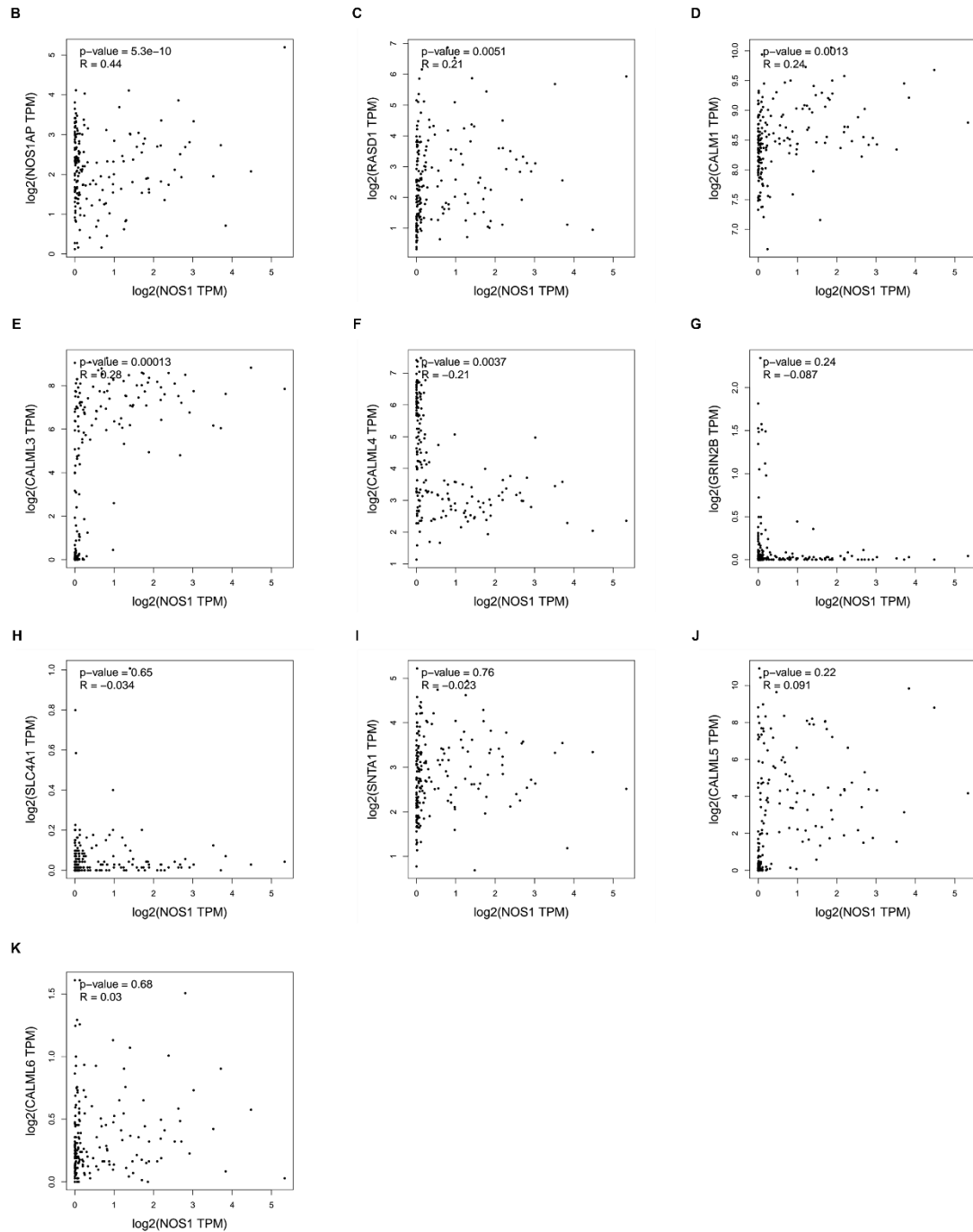


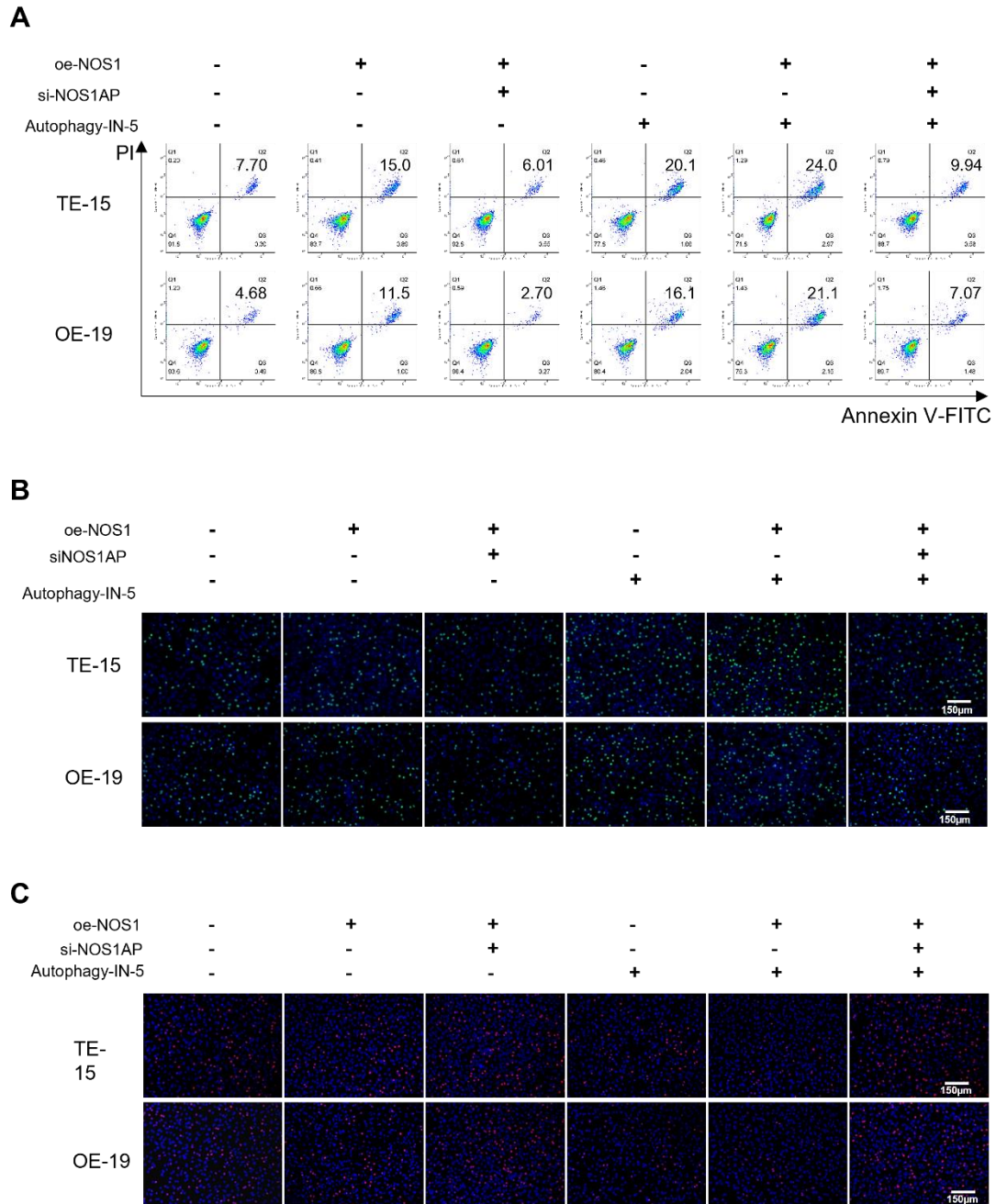
## Supplementary Figure 1 The effect of NOS1 on cell apoptosis and cell cycle.

A: Flow cytometry to analyze the effect of NOS1 on cell apoptosis; B: The effect of NOS1 on the cell cycle.



Supplementary Figure 2 Correlation analysis is employed to examine the associations between NOS1 and the genes NOS1AP, RASD1, CALM1,

## CALML3, and CALML4.



**Supplementary Figure 3 The effect of NOS1 and NOS1AP on cell apoptosis and proliferation.** A: Flow cytometry analyzed the level of apoptosis; B: TUNEL staining analyzed the level of apoptosis; C: EdU assay analyzed the cell proliferation ability.