**Figure a**

Results of RT-qPCR showing the expression levels of pIC-TF in SKRC-1 and SKRC-44 cells. The expression of pIC-TF is upregulated in both cell lines upon treatment with siRNA compared to controls. The graphs illustrate the fold change in expression normalized to the internal control GAPDH.

**Figure b**

Western blot analysis of RNase L expression in SKRC-1 and SKRC-44 cells. The blots show a higher expression of RNase L in the siRNA-treated samples compared to the controls.

**Figure c**

Cell viability assay results for SKRC-1 and SKRC-44 cells. The bar graphs depict the percentage of viable cells following treatment with pIC-TF and siRNA. The data shows a significant decrease in cell viability upon treatment with pIC-TF and siRNA in both cell lines.

**Figure d**

Annexin V+ cell assay results for SKRC-1 and SKRC-44 cells. The bar graphs illustrate the percentage of Annexin V+ cells in both cell lines following treatment with pIC-TF and siRNA. The data indicates a significant increase in Annexin V+ cells in the siRNA-treated samples compared to the controls.