

Additional file 1. IRF5 shows cytoplasmic localization in thyroid cancer cells after IFN $\alpha$  treatment. The specified cell lines were treated with 1000 U/mL IFN $\alpha$  for 24 hours. Cells were then labeled for IRF5 using the indicated secondary antibody. Hoechst and phalloidin were employed to stain nuclear and cytoplasmic compartments.