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Supplemental Information

circRASSF2 Acts as ceRNA and Promotes

Papillary Thyroid Carcinoma Progression

through miR-1178/TLR4 Signaling Pathway

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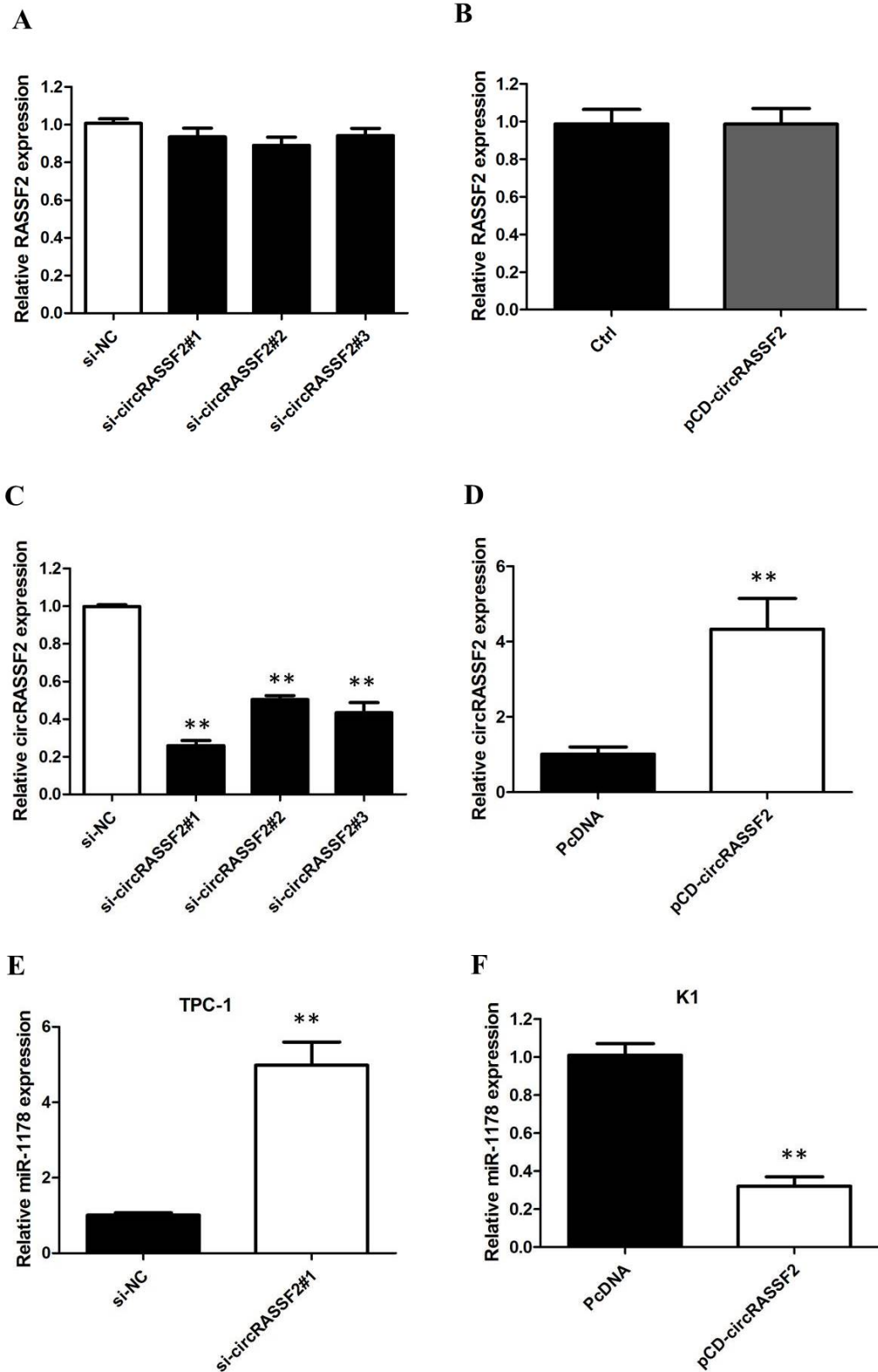


Fig. S1. A. The qRT-PCR assay indicated the relative abundance of

RASSF2 in TPC-1 cells treated with si-circRASSF2. B. The qRT-PCR assay indicated the relative abundance of RASSF2 in K1 cells infected with circRASSF2 overexpression plasmid. C. The qRT-PCR assay indicated the relative abundance of circRASSF2 in TPC-1 cells treated with si-circRASSF2. D. The qRT-PCR assay indicated the relative abundance of circRASSF2 in K1 cells infected with circRASSF2 overexpression plasmid. E. The qRT-PCR assay indicated that miR-1178 was efficiently upregulated by silenced circRASSF2; F. The qRT-PCR assay indicated that miR-1178 was efficiently downregulated by overexpressed circRASSF2. Data are the means \pm SD of three experiments. $**P < 0.01$.

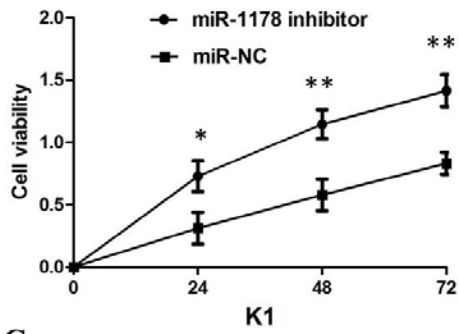
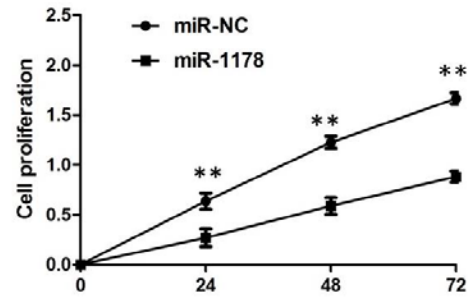
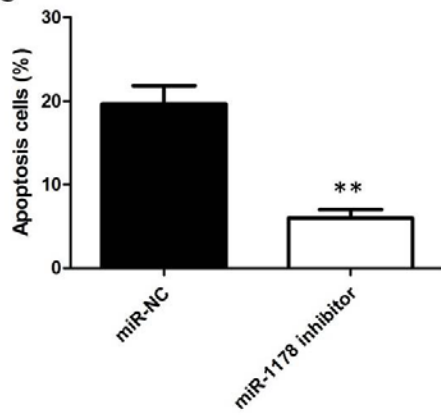
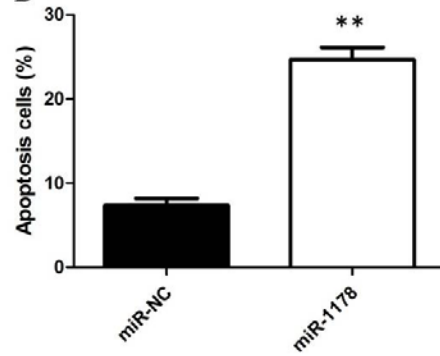
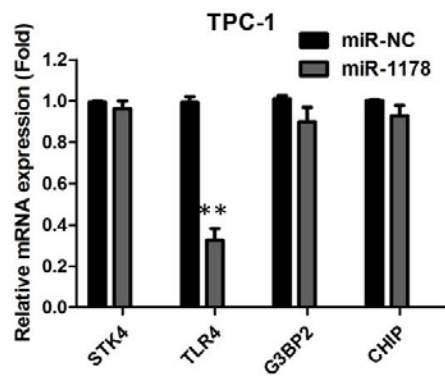
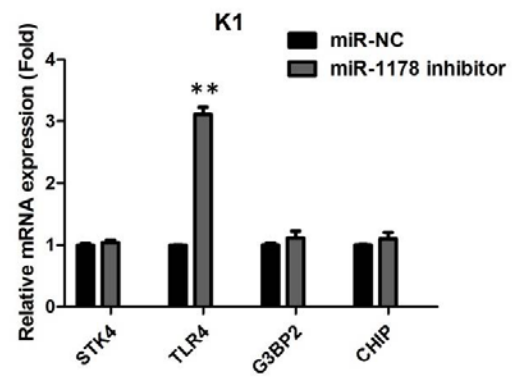
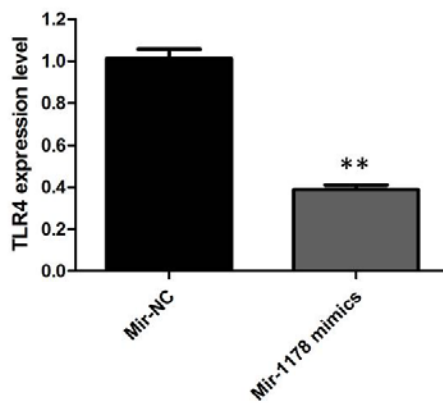
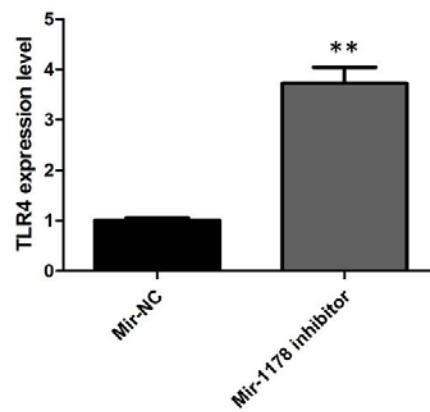
A**B****C****D****E****F****G****H**

Fig. S2 A. CCK-8 assay showed that miR-1178 inhibitor markedly promoted the cell growth of K1 cells when compared with cells transfected with miR-nc; B. CCK-8 assay showed that miR-1178 mimics markedly inhibited the proliferation of A2780 cells when compared with cells transfected with miR-nc; C. Flow cytometric analysis showed that miR-11178 inhibitor decreased the apoptosis of K1 cells; D. Flow cytometric analysis showed that miR-1178 mimics significantly induced apoptosis of TPC-1 cells; E. The qRT-PCR assay indicated the relative abundance of mRNAs of STK4, TLR4, G3BP2, and CHIP in TPC-1 cells transfected with a miR-1178 mimic; F. The qRT-PCR assay indicated the relative abundance of STK4, TLR4, G3BP2, and CHIP in K1 cells transfected with a miR-1178 inhibitor; G. The qRT-PCR assay indicated the relative abundance of TLR4 in TPC-1 cells transfected with miR-1178 mimics; H. The qRT-PCR assay indicated the relative abundance of TLR4 in K1 cells transfected with miR-1178 inhibitors; Data are the means \pm SD of three experiments. $**P < 0.05$; $***P < 0.01$.