



S9 Fig. Involvement of interferon α (IFN α) signaling pathway in the regulation of paired-like homeodomain transcription factor 2 (PITX2) activation in MDA-MB-415 cells. (A) MDA-MB-415 cells were challenged for 24 hours with a gradual concentration of recombinant hIFN α protein, in the presence or absence of the pretreatment with 5 μ g/mL of anti-IFNAR neutralizing antibody for 4 hours. PITX2 expression was then determined using Western blotting. Actin served as the loading control. (B) MDA-MB-415/LR cells with different transfections were challenged with 20 U/mL of recombinant hIFN α protein for 24 hours, followed by Western blotting analysis of p-AKTSer-473, AKT, and PITX2 expression.