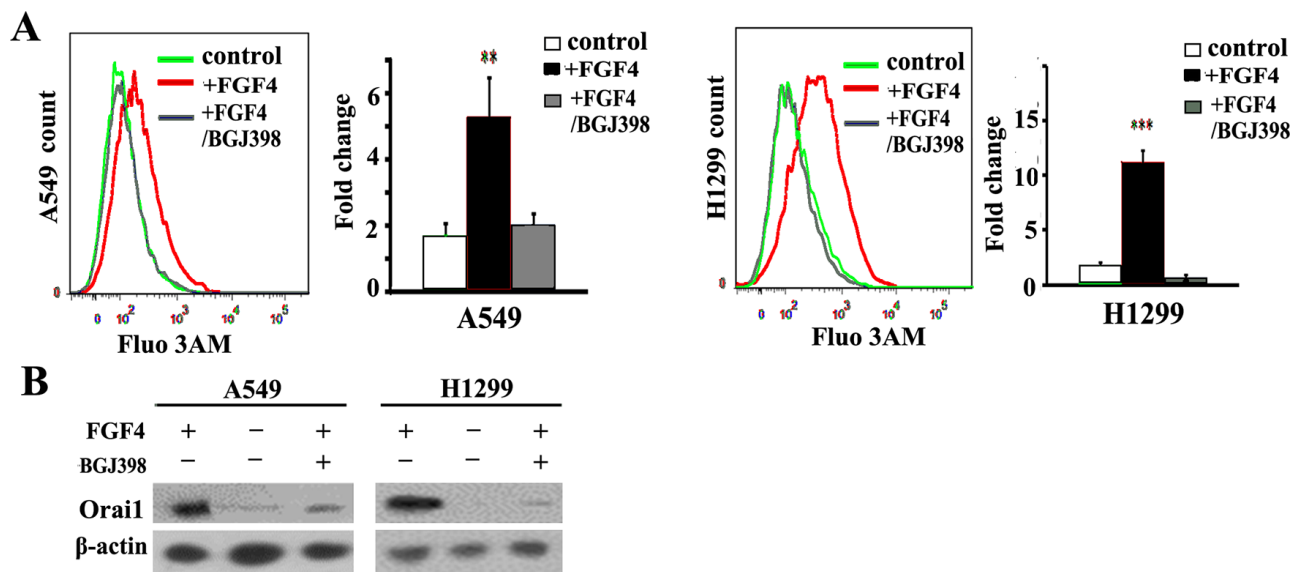
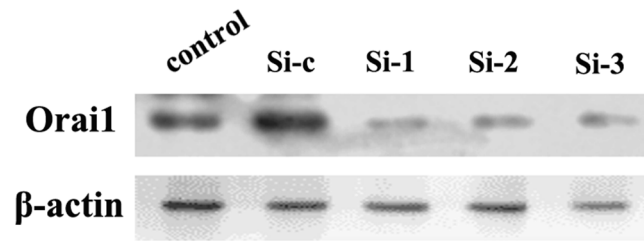


FGF4 induces epithelial-mesenchymal transition by inducing store-operated calcium entry in lung adenocarcinoma

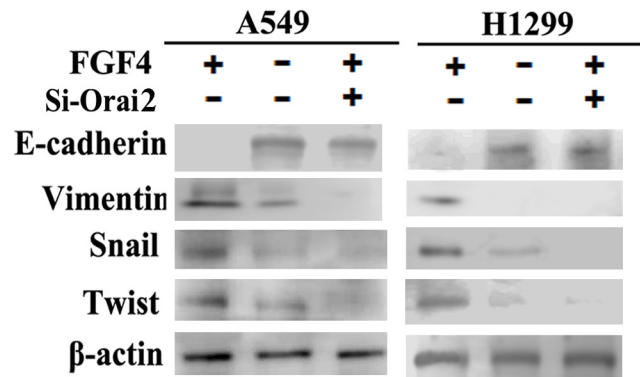
SUPPLEMENTARY FIGURES



Supplementary Figure S1: FGFR inhibitor NVP-BGJ398 alleviates intracellular calcium concentration and abolishes the expression of Orai1 caused by FGF4 stimulation in A549 and H1299 cells. **A.** Level of intracellular Ca^{2+} using Fluo 3-AM measured by flow cytometry, and **B.** western blot to measure Orai1 expression in A549 and H1299 cells 5 h after NVP-BGJ398 treatment and subsequent stimulation with FGF4 for 24 h. All graphs represent the mean \pm SD of three independent experiments. The axis represents the fold change in the number of cells. ** $P < 0.01$, *** $P < 0.001$.



Supplementary Figure S2: Western blot of Orai1 in A549 and H1299 cells transfected with Orai1 siRNA(si-1,si-2,si-3).



Supplementary Figure S3: Western blot of EMT-associated proteins (E-cadherin, Vimentin, Snail and Twist) in A549 and H1299 cells transfected with Orai1 siRNA (si-2).