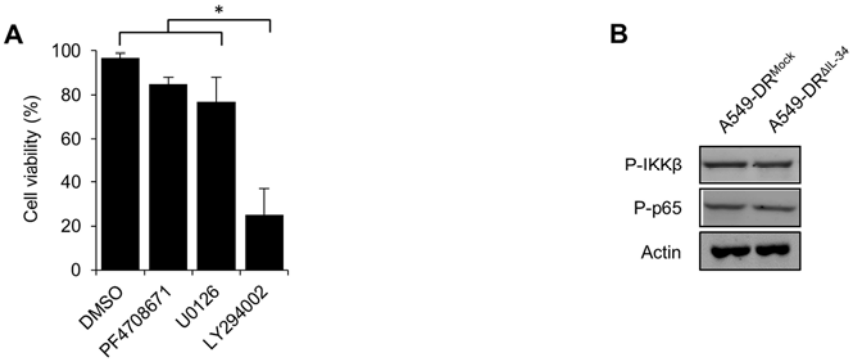


Supplementary figure 3



IL-34-induced AKT activation contributes to survival of chemoresistant lung cancer cells. A, Cell survival assay of A549-DR^{Mock} cells pretreated with an inhibitor of S6K (PF4708671, 160 nM), ERK (U0126, 80 nM) or AKT (Ly294002, 10 μM) for 1 hour prior to stimulation with doxorubicin (1 μM). Cell viability was evaluated 24 hours after stimulation. B, Western blot analysis of phospho IKKβ, phospho p65, and Actin on lysates from A549-DR^{Mock} or A549-DR^{ΔIL-34} cells.