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Title	Chemotherapy-Induced IL34 Enhances Immunosuppression by Tumor-Associated Macrophages and Mediates Survival of Chemoresistant Lung Cancer Cells
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Citation	Cancer research, 76(20), 6030-6042 https://doi.org/10.1158/0008-5472.CAN-16-1170
Issue Date	2016-10
Doc URL	https://hdl.handle.net/2115/67225
Type	journal article
File Information	Supplementary_figure_S3.pdf, Supplementary figure 3

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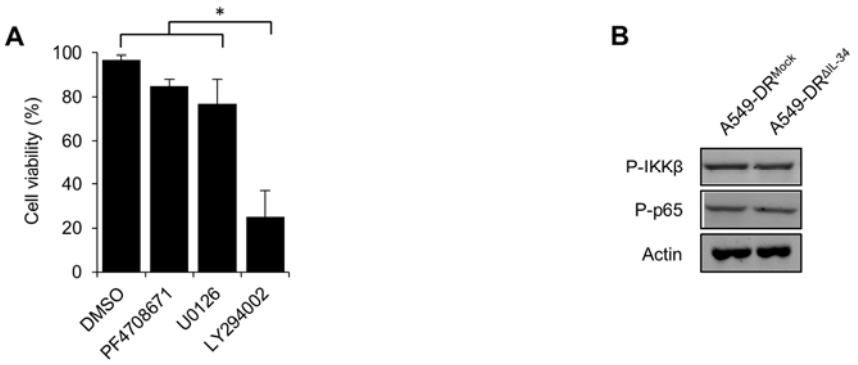
Supplementary figure 3



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$^{\Delta IL\text{-}34}$ cells.