HOKKAIDO UNIVERSITY

Title	Chemotherapy-Induced IL34 Enhances Immunosuppression by Tumor-Associated Macrophages and Mediates Survival of Chemoresistant Lung Cancer Cells
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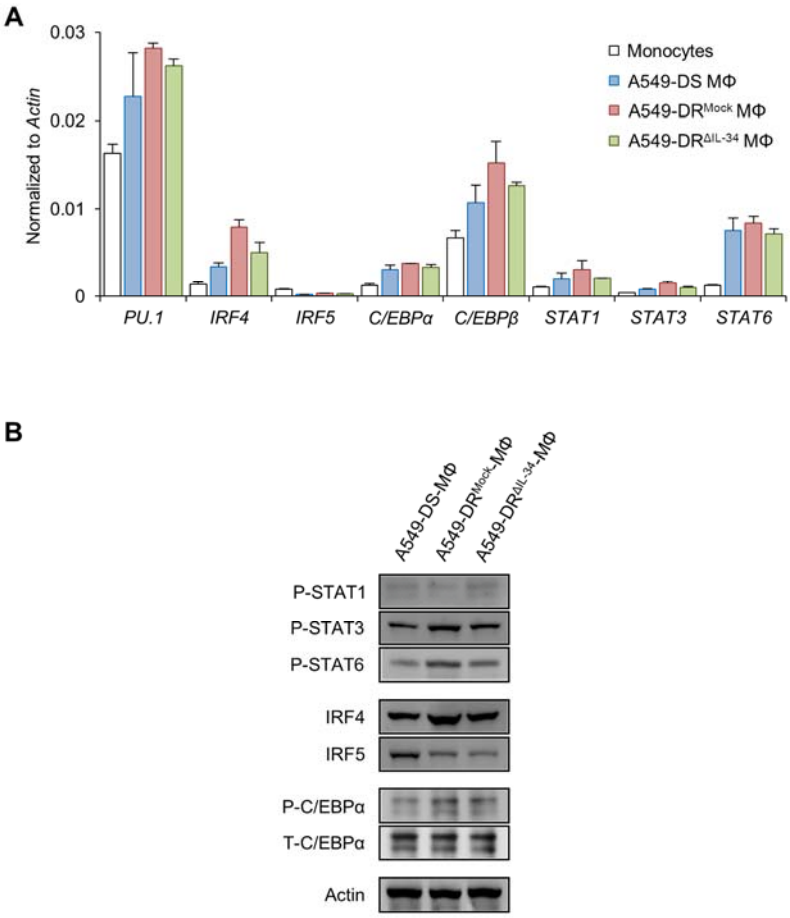
Supplementary figure 4



IL-34 effects on transcriptional control of TAMs. A, quantitative RT-PCR analysis for various transcription factors expression in monocytes differentiated into macrophages in the presence of A549-DS (A549-DS-MΦ), A549-DR^{Mock} (A549-DR^{Mock}-MΦ) or A549-DR$^{\Delta IL\text{-}34}$ (A549-DR$^{\Delta IL\text{-}34}$-MΦ) supernatants at day 7 of culture. B, immunoblots for phospho-STAT1, phospho-STAT3, phospho-STAT-6, total-IRF4, total-IRF5, phospho-C/EBPα or total-C/EBPα in macrophages described in (A). β-Actin serves as a loading control.