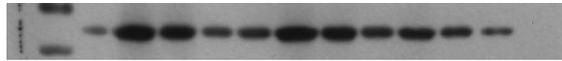
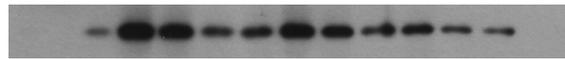


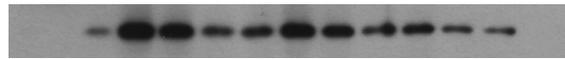
ASC



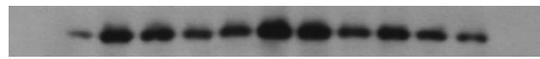
Caspase-1



IL-1β



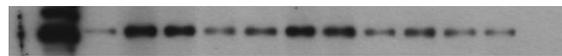
IL-6



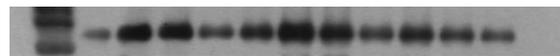
IL-18



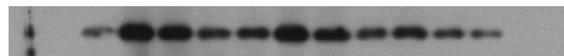
NF-κB



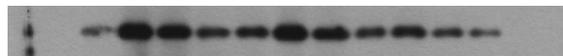
NLRP3



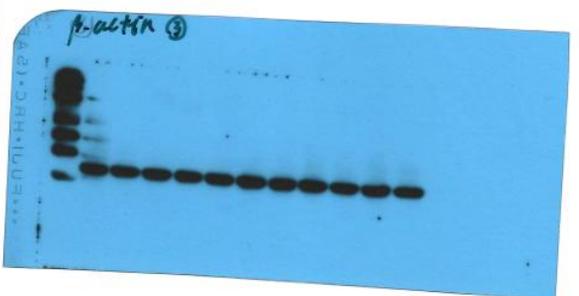
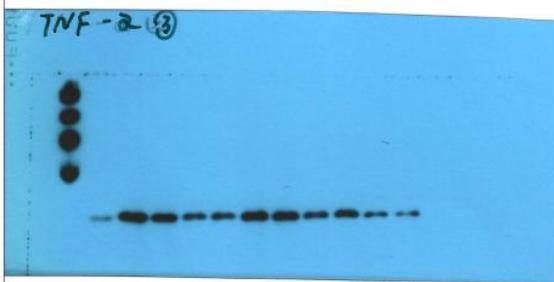
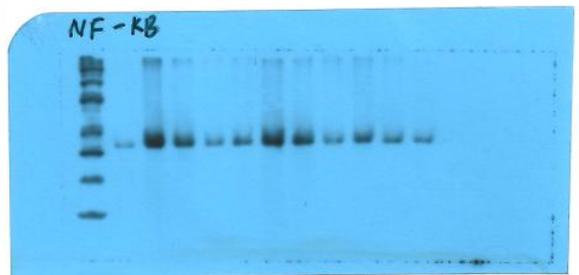
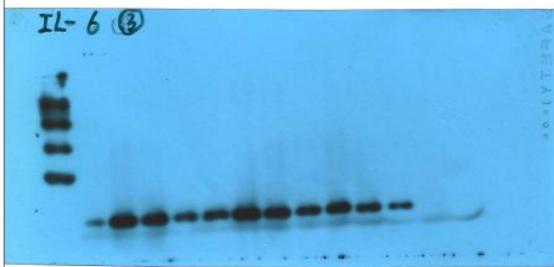
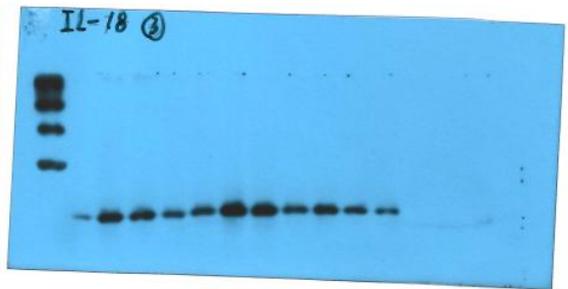
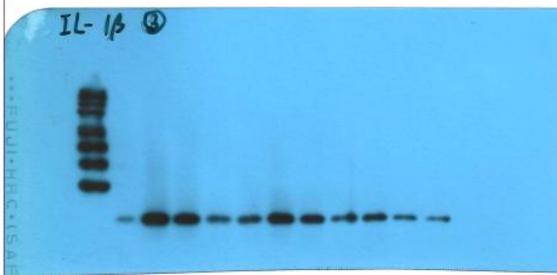
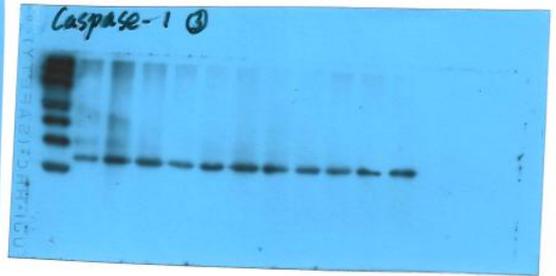
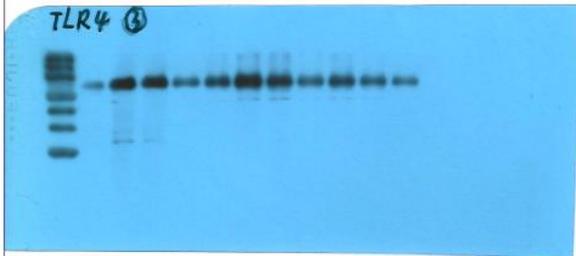
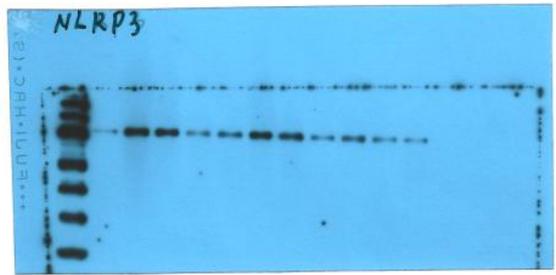
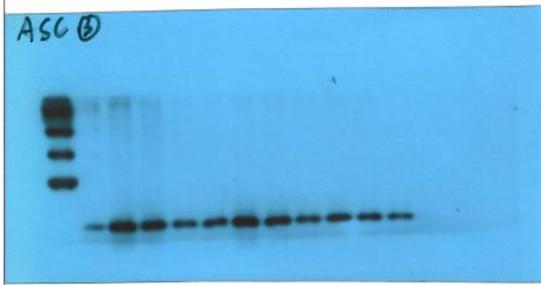
TLR4

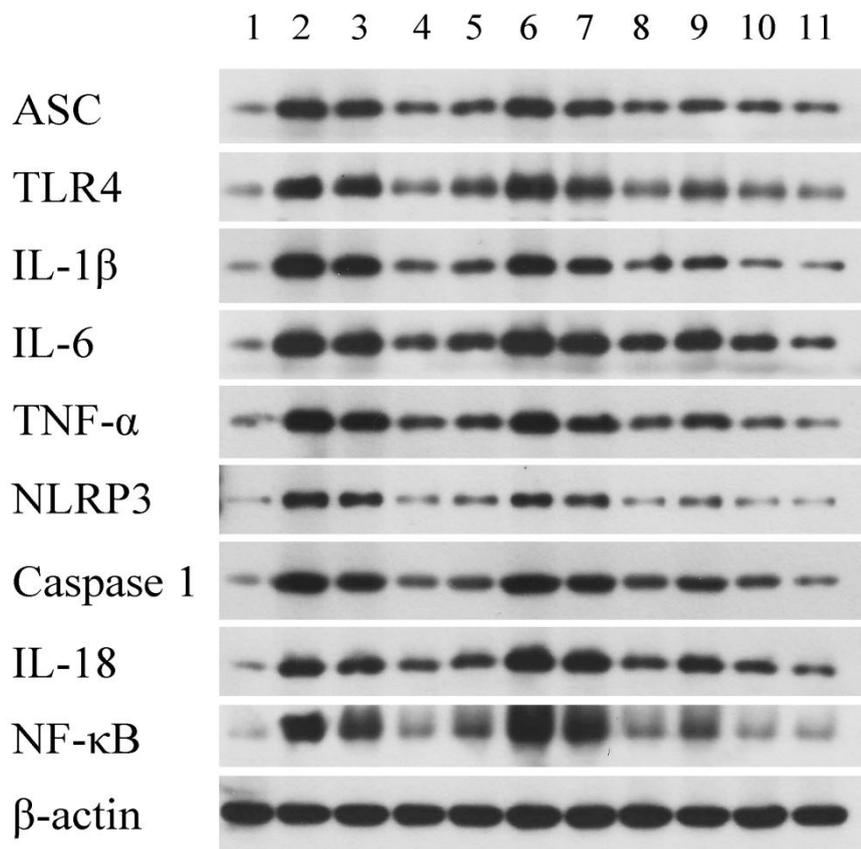


TNF-α



β-actin





Integrate 1

Enclosed please find the original Western Blot (WB) images of the complete experiment of this study. In the full experiment, we divided the samples into 11 groups, and Figure 5(D) in the manuscript presents a total of 9 groups, among which this study only analyzed the data from lanes A, B, D, E, and H. The corresponding relationship and description of each group are as follows:

Description of Figure 5(D): β -actin was used as the internal reference protein; this study analyzed only data from lanes A, B, D, E, and H. Lane numbers correspond to groups: A. Control group, B. LPS group, D. LPS + NC adenoviral vector group, E. LPS + miR-140-5p inhibitor group, H. LPS + PDTC group; Other lanes represent additional groups from concurrent experiments and were not included in this conclusion derivation.

Compared with the integrated original WB image (Integrate 1), Groups 3 and 5 (which were designed for the study of different doses of drugs) have been deleted from Figure 5(D) in the manuscript. In addition, the other unanalyzed lanes in Figure 5(D) (excluding lanes A, B, D, E, and H) are all additional groups from concurrent experiments. Since this manuscript focuses on the regulatory effect of miR-140-5p on the NF- κ B signaling pathway in cholangitis and does not involve the research on drug doses or other additional groups, these groups were not included in the conclusion analysis. Only the data from lanes A, B, D, E, and H were selected for display in the manuscript to ensure that the results are consistent with the research focus of the paper.

If you have any further questions or need additional clarification regarding this adjustment, or if supplementary materials are required, please feel free to contact me at any time.