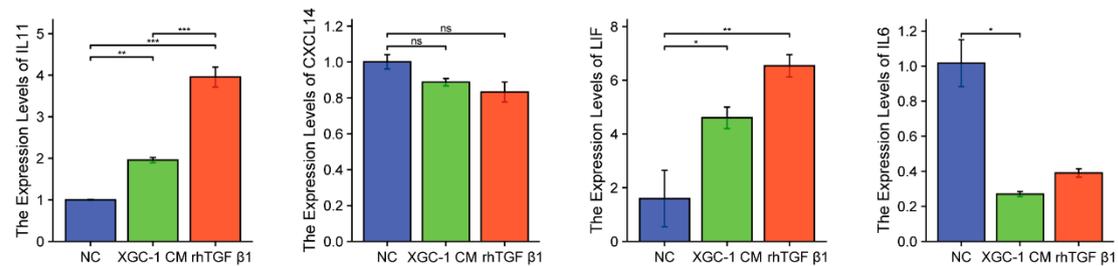




analyzed using ssGSEA in relation to immune cell infiltration.(E) Multiple immunofluorescence analysis was performed to investigate the expression relationship between  $\alpha$ -SMA (red), IGFBP7 (yellow), and FAP (green).(F,G) Western blot assess the efficiency of IGFBP7 overexpression and knockdown.



**Supplementary Figure S2.** RT-PCR was conducted to examine the expression levels of IL11, CXCL14, IL6, and LIF of normal fibroblasts after treating with XGC-1 CM and rhTGF- $\beta$ 1.