

Supplementary figures

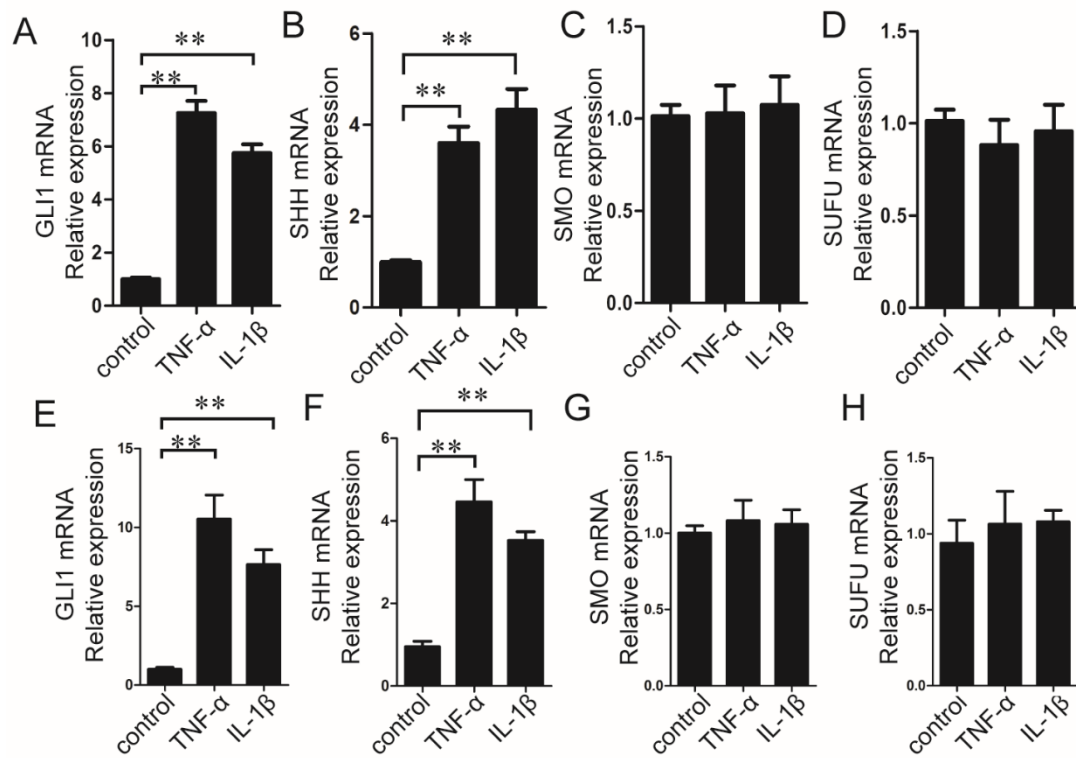


Figure S1 The mRNA expression changes of HH pathway key members after TNF- α and IL-1 β stimulation in PDAC cells.

The mRNA expression changes (A-D for PaTu 8988T, E-H for AsPC-1) of GLI1, SHH, SMO, and SuFu after TNF- α or IL-1 β stimulation, are presented. The statistical plots were calculated from the results of three independent experiments. The data are expressed as the mean \pm SD. **, $P < 0.01$, vs. control.

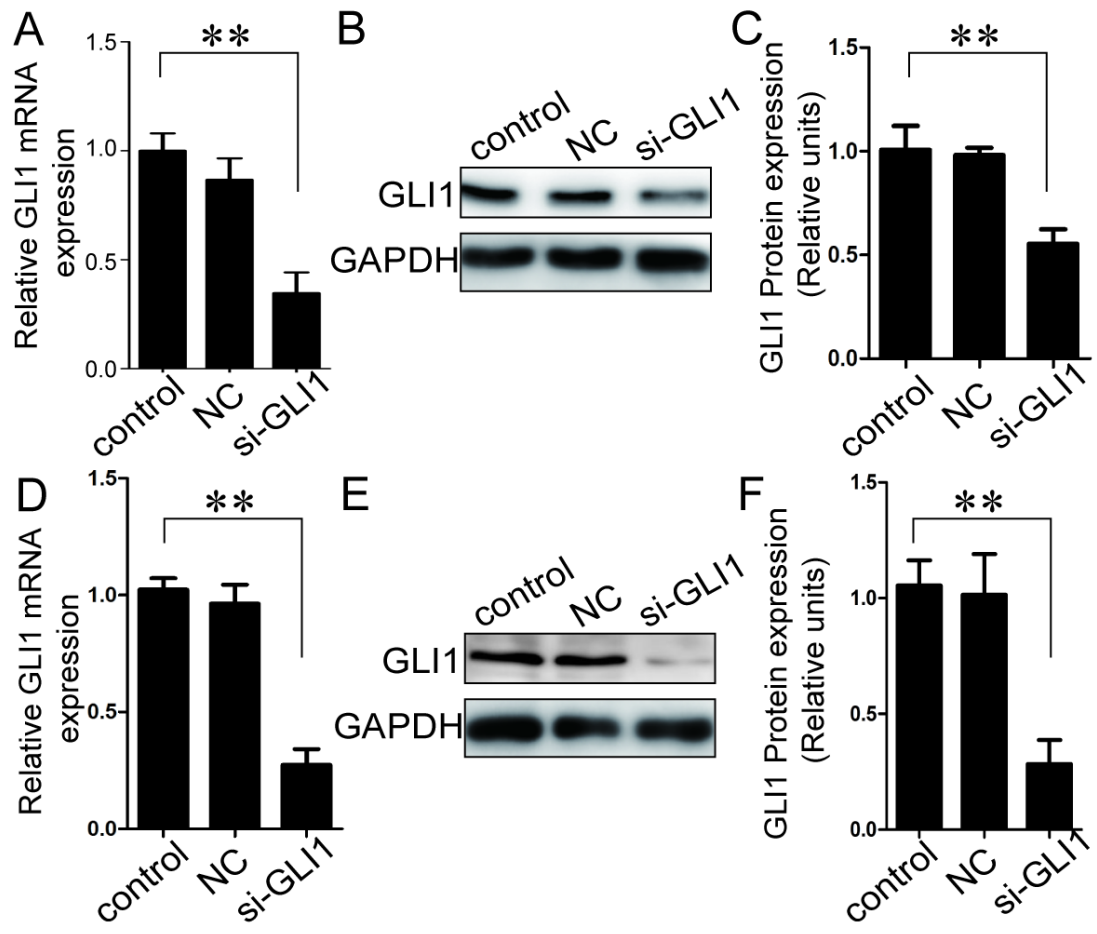


Figure S2 Effect of si-Gli1 transfection on the mRNA and protein nuclear expression of Gli1 in PDAC cells.

The mRNA (A, for PaTu8988T, D, for AsPC-1.) and nuclear protein expression of GLI1 (B-C, for PaTu 8988T, E-F, for AsPC-1.) were significantly down-regulated after GLI1 siRNA transfection. **, $P < 0.01$.

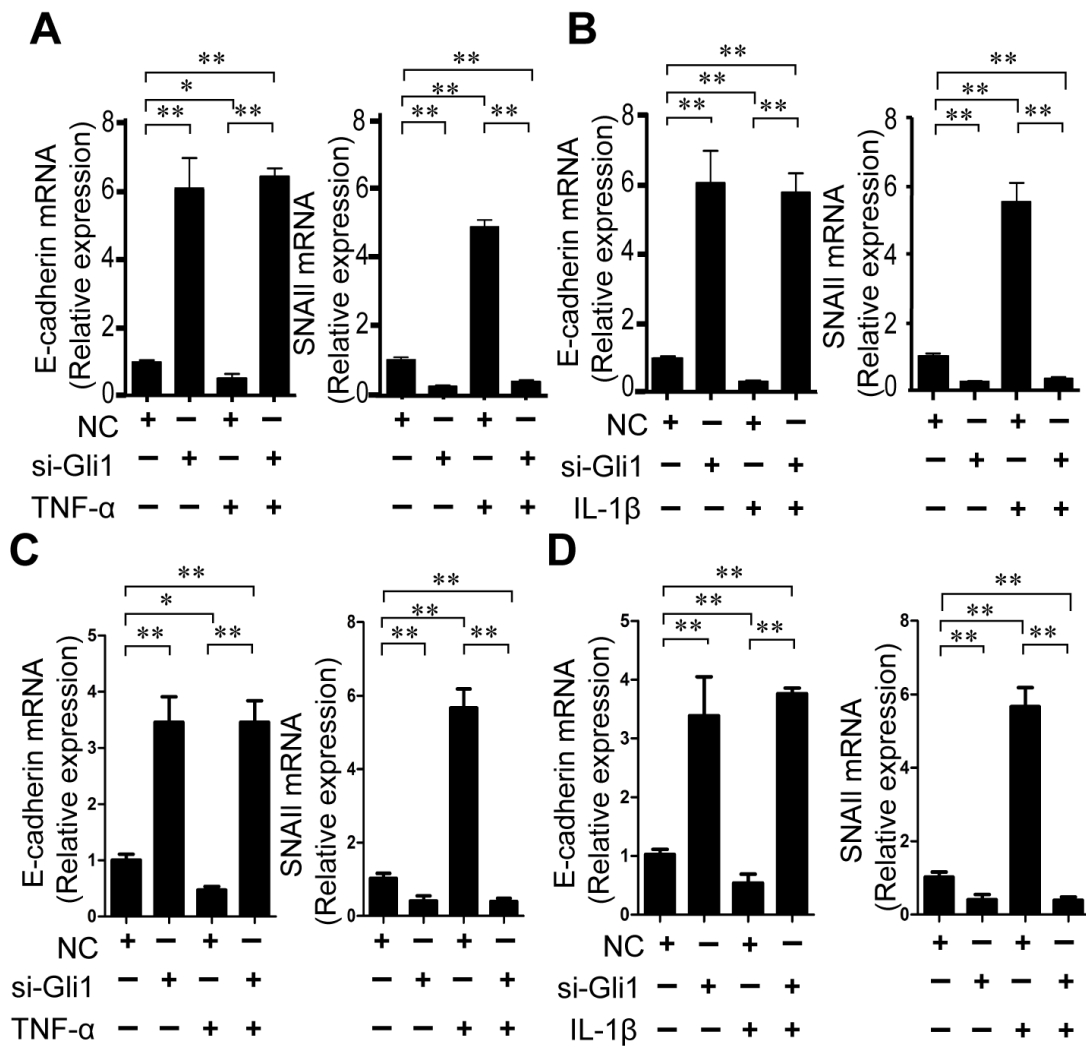


Figure S3 The effects of $TNF-\alpha$ and $IL-1\beta$ on EMT bio-markers mRNA expression in PDAC cells.

The mRNA expression changes of EMT key biomarkers (A-B for PaTu 8988T, and C-D for AsPC-1) after $TNF-\alpha$ or $IL-1\beta$ stimulation, are presented. The statistical plots were calculated from the results of three independent experiments. The data are expressed as the mean \pm SD. * $P < 0.05$, ** $P < 0.01$.