

Figure S1. NLRP3, IL-1 β , IL-18, ASC and cleaved caspase-1 protein expression levels in sepsis model mice. Protein expression levels were measured via western blotting. * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$ vs. Sham. NLRP3, nucleotide-binding oligomerization domain-like receptor protein 3; ASC, apoptosis-associated speck-like protein containing a CARD.

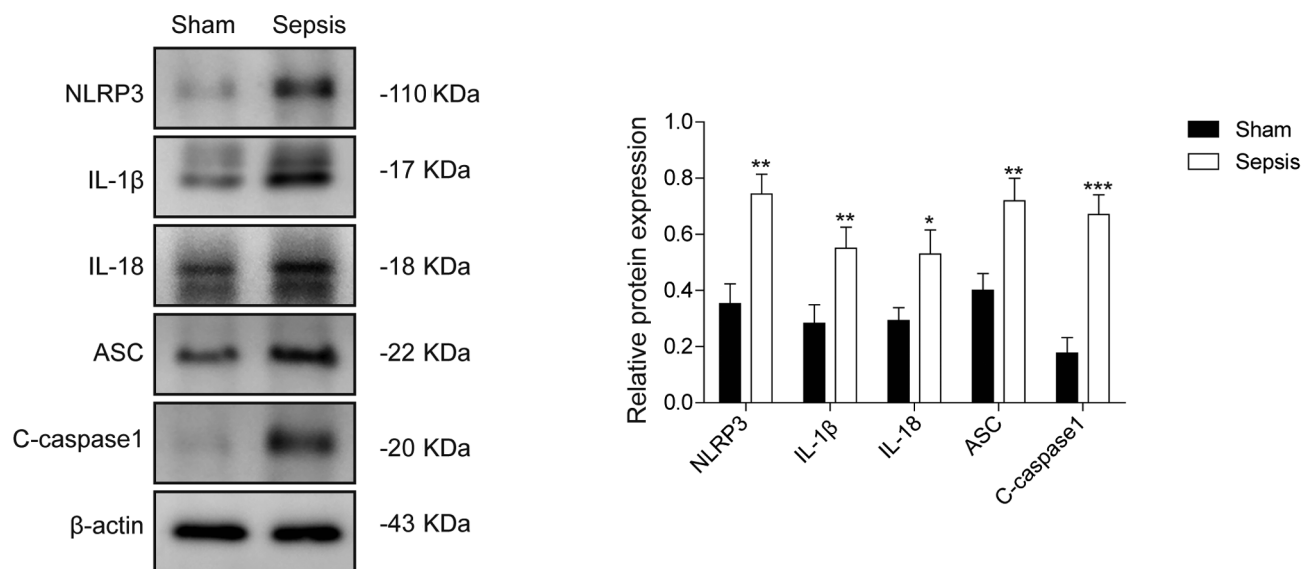


Figure S2. C-GSDMD, C-GSDME and caspase-11 protein expression levels in LPS-induced HK-2 cells. Protein expression levels were measured via western blotting. **P<0.01 vs. control. C, cleaved; GSDMD, gasdermin D; GSDME, gasdermin E; LPS, lipopolysaccharide.

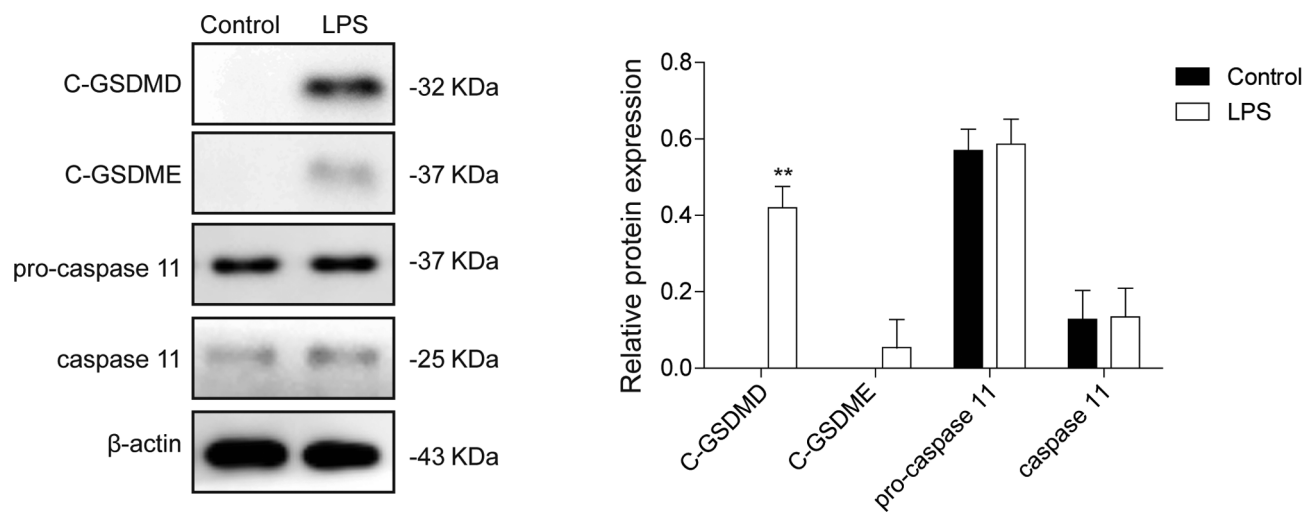


Figure S3. PVT1 overexpression promotes HK-2 cell pyroptosis. (A) Transfection efficiency of PVT1 overexpression. (B) Cell pyroptosis was detected via flow cytometry. ** $P < 0.01$ and *** $P < 0.001$. PVT1, plasmacytoma variant translocation 1; NC, negative control.

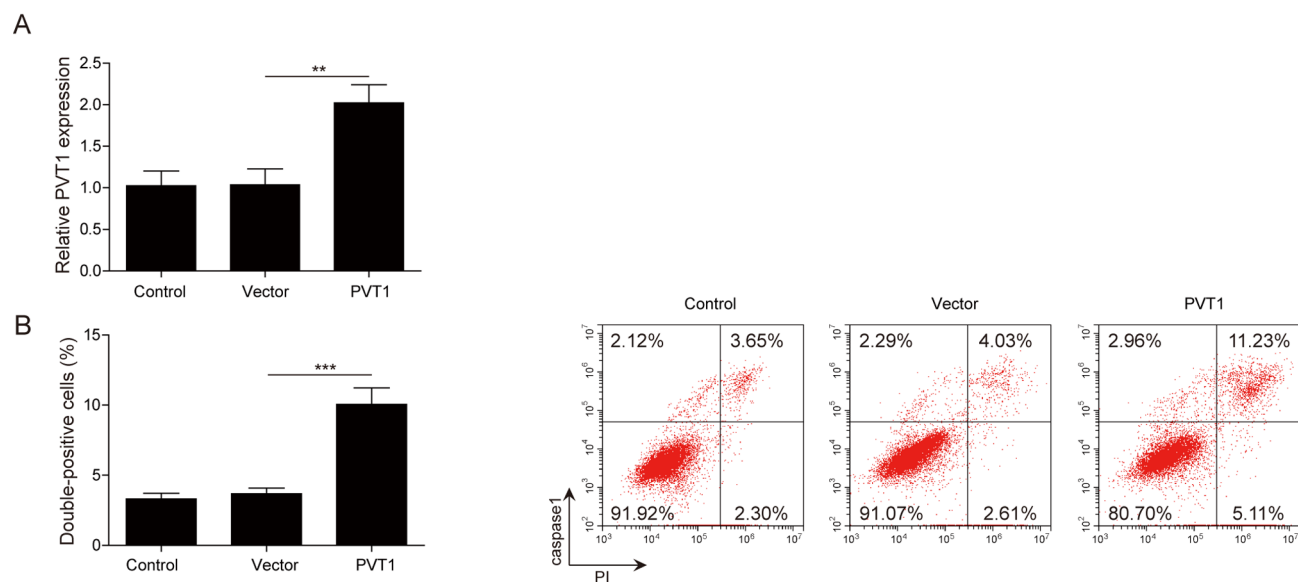


Figure S4. Transfection efficiency of siNLRP3. Reverse transcription-quantitative PCR was performed to assess the transfection efficiency of siNLRP3. ** $P < 0.01$. si, small interfering RNA; NLRP3, nucleotide-binding oligomerization domain-like receptor protein 3; NC, negative control.

