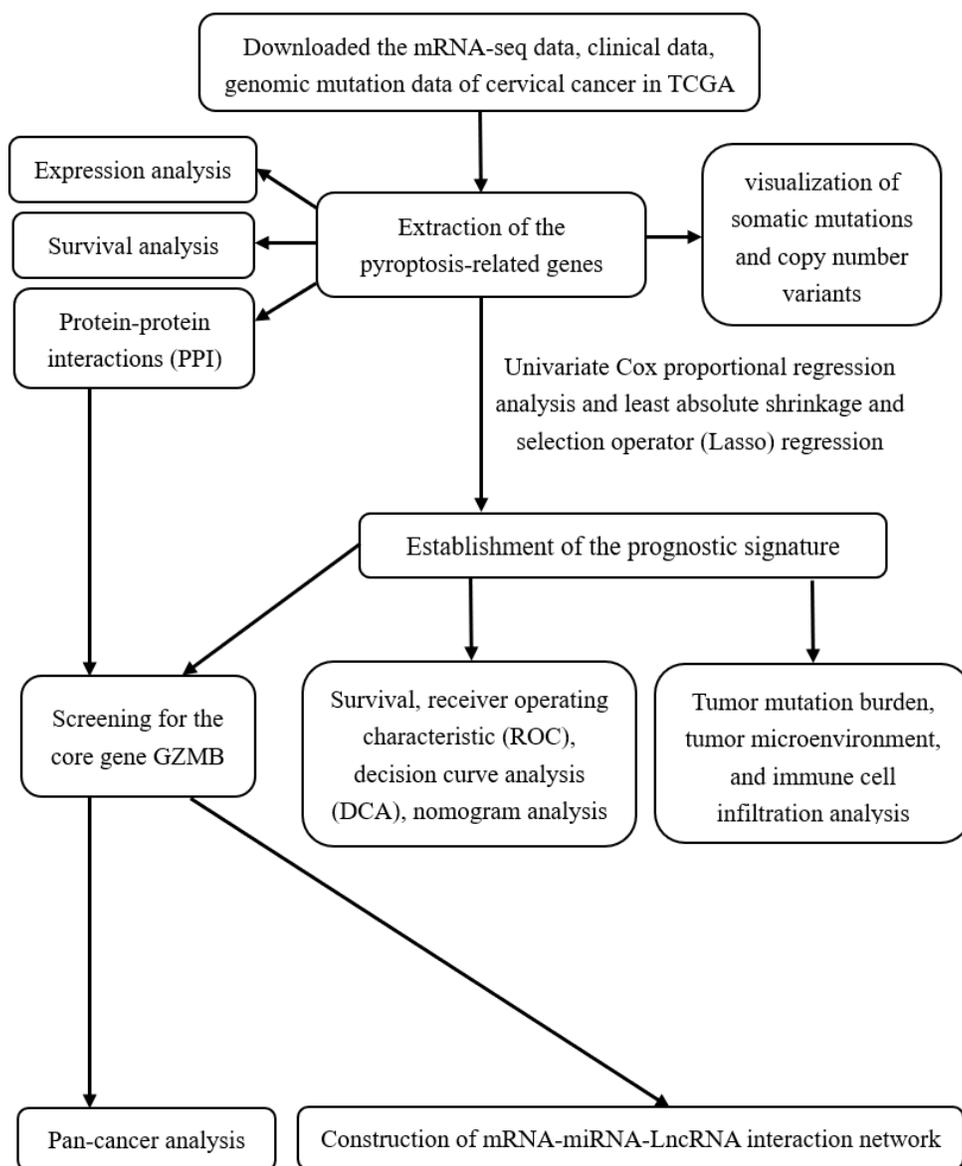
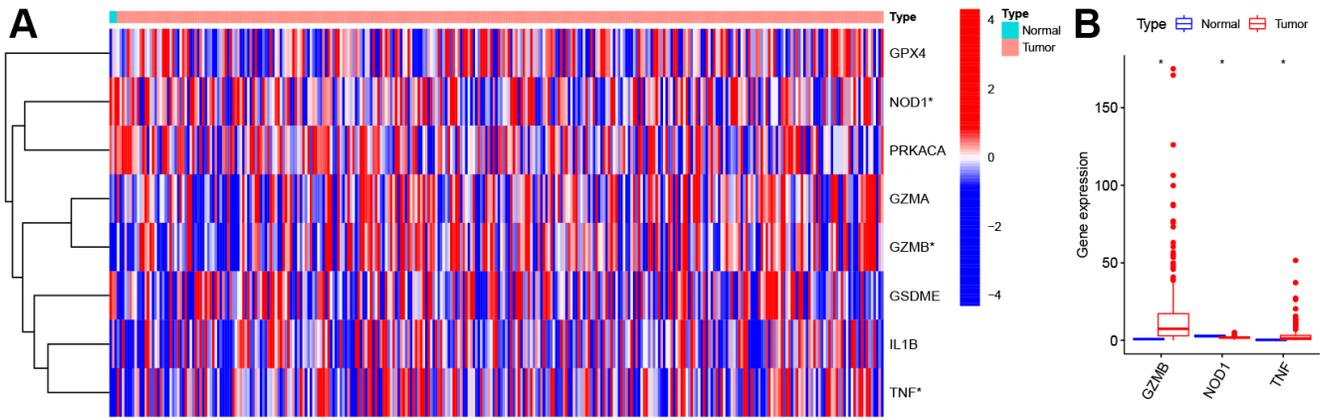


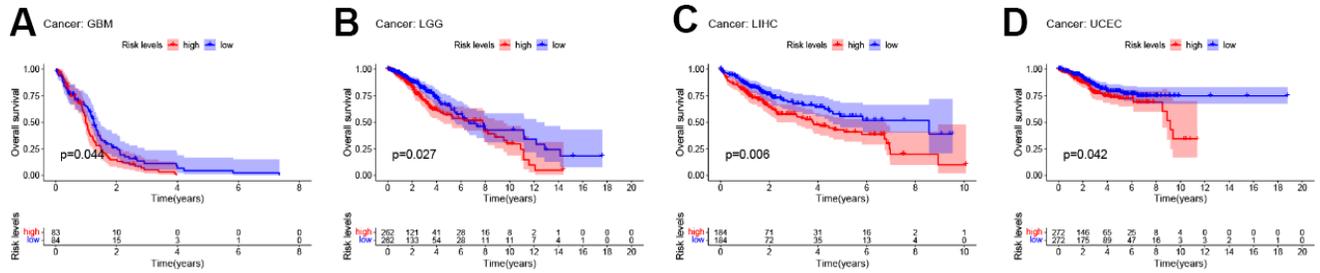
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Study flow diagram.

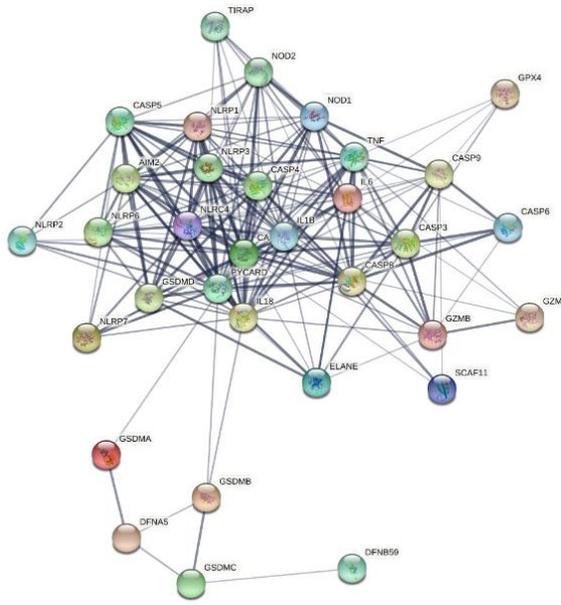


Supplementary Figure 2. Prognostic pyroptosis-related genes. (A) Heatmap. (B) Boxplot. Compared to normal cervical tissues, GZMB and TNF are highly expressed in cervical cancer tissues, while NOD1 is lowly expressed. * $p < 0.05$, ** $p < 0.01$, and *** $p < 0.001$.

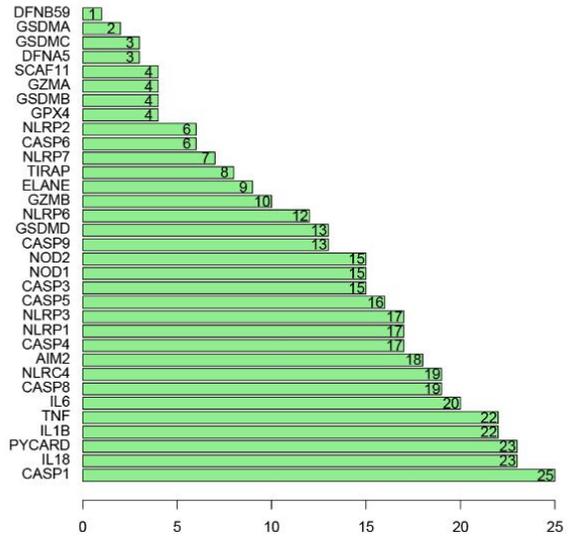


Supplementary Figure 3. The pyroptosis-related signature in other tumors. Kaplan-Meier curves showed lower overall survival rates in the high-risk group than in the low-risk group in GBM (A), LGG (B), LIHC (C), and UCEC (D) ($P < 0.05$). GBM, Glioblastoma multiforme. LGG, Brain Lower Grade Glioma. LIHC, Liver hepatocellular carcinoma. UCEC, Uterine Corpus Endometrial Carcinoma.

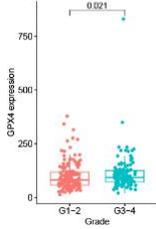
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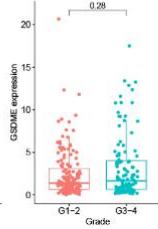
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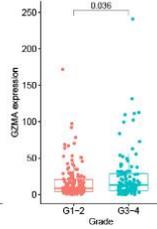
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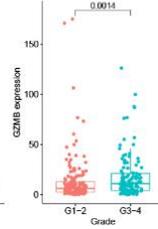
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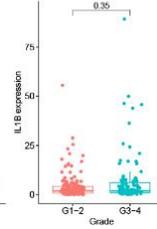
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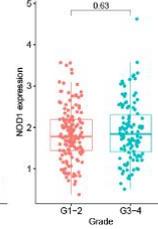
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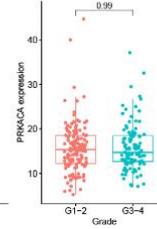
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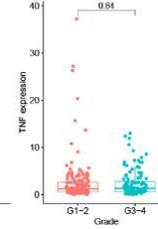
H



I



J



Supplementary Figure 4. Identify the core gene of the pyroptosis-related signature. (A) PPI network of the PRGs. **(B)** The degree of binding of PRGs. **(C–J)** Correlation of genes of the pyroptosis-related signature with the clinical feature Grade. The expression of GPX4, GZMA, and GZMB was significantly higher in the G3-4 group. PRGs, Pyroptosis-related genes.