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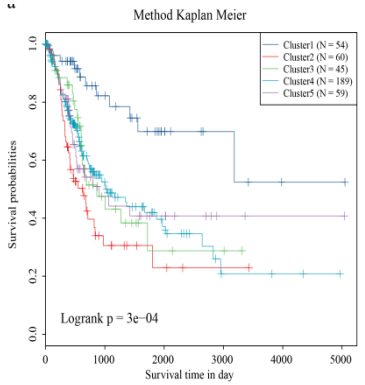
Integrative analysis of prognostic long non-coding RNAs with copy number variation in bladder cancer

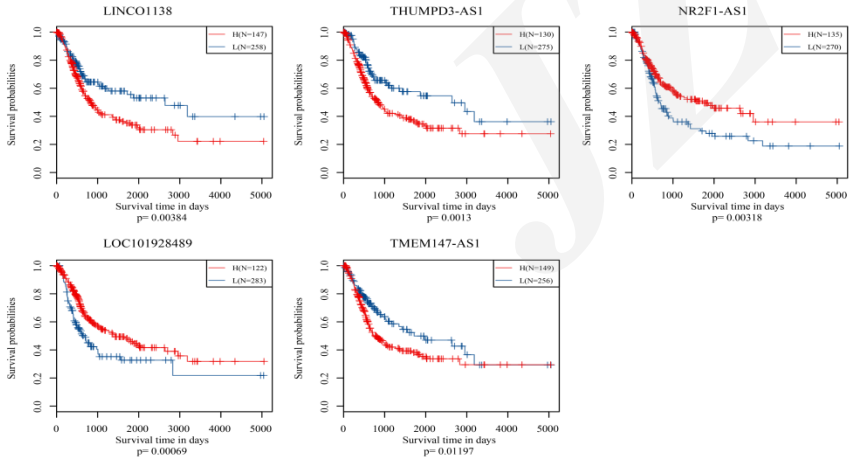
Key words: bladder cancer, copy number variation, long non-coding RNA, prognosis

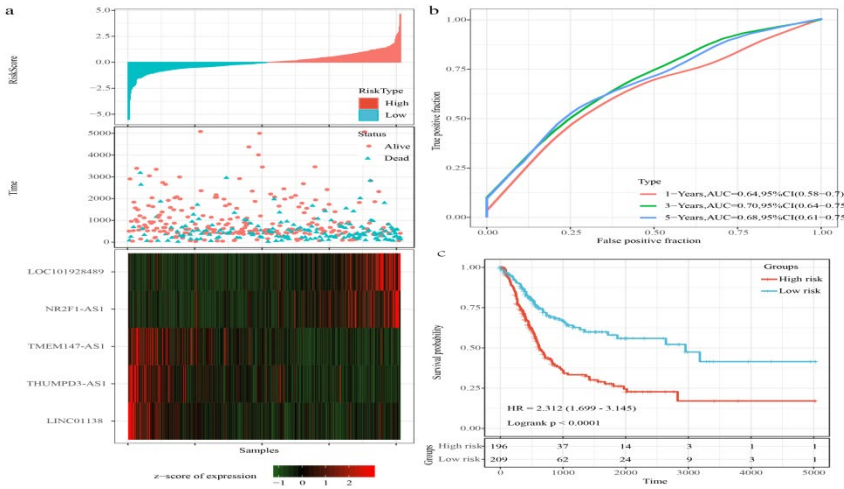
Research Summary

This research mainly analyzed the long non-coding RNAs (LncRNAs) with copy number variations (CNVs) to explore the relationship between lncRNAs and prognosis in bladder cancer (BLCA).

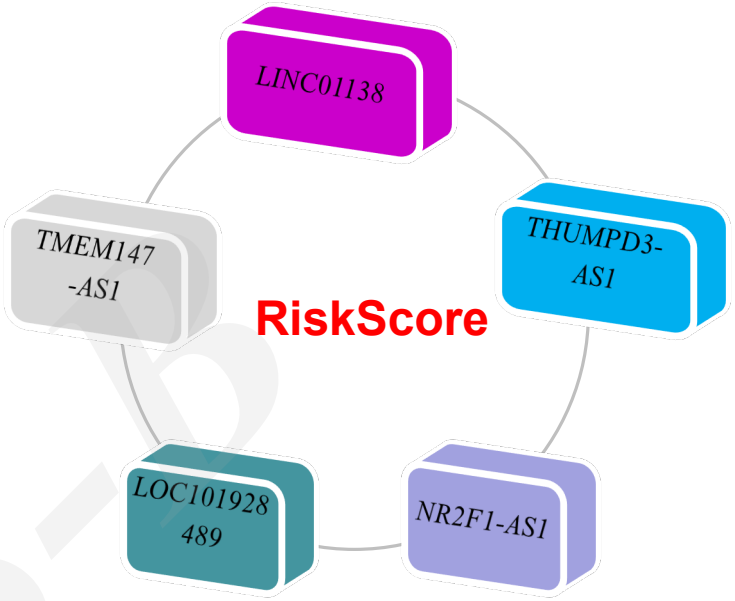
- **Identification of prognosis-related molecular subtypes in BLCA**
- **Screening of differentially expressed lncRNAs and genes in subtypes**
- **Identification of CNV-related lncRNAs in BLCA**
- **Analysis of area under the curve of the risk-score model**







Innovation points



- **Introduction** of the five CNV-related lncRNAs with prognostic value in BLCA.

- **Analysis** and verification of the riskscore model.

$$\text{RiskScore}=-(0.10362\times\exp^{LINC01138})-(0.01243\times\exp^{THUMPD3\text{-}AS1})+(0.11439\times\exp^{NR2F1\text{-}AS1})+(0.93572\times\exp^{LOC101928489})-(0.01938\times\exp^{TMEM147\text{-}AS1})$$

- **Exploration of** the potential regulatory pathways of the riskscore model.

