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Iron metabolism, ferroptosis, and lncRNA in cancer: knowns and unknowns

Key words: Iron metabolism, Ferroptosis, lncRNA, Tumorigenesis

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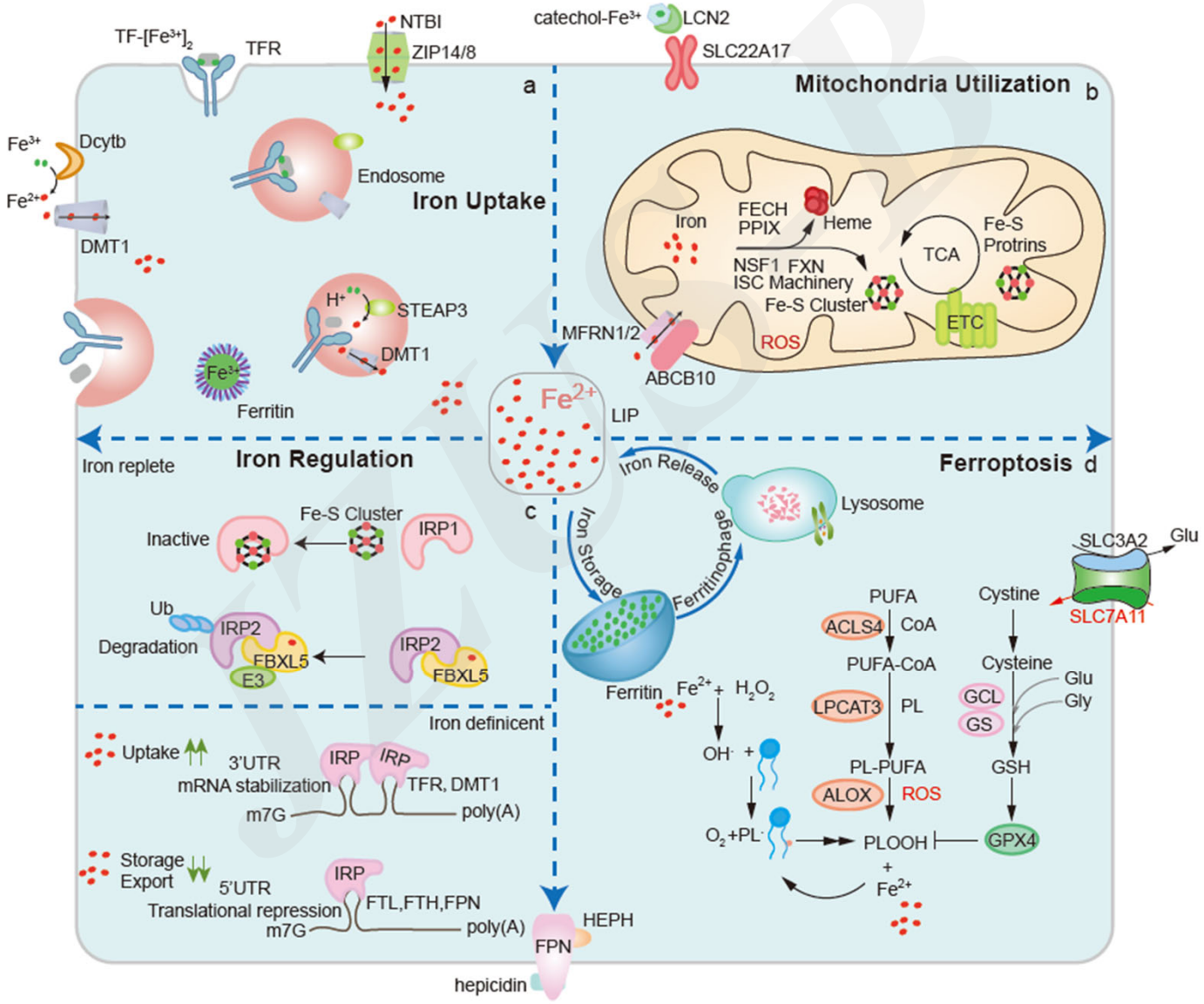
Research Summary

This review mainly focused on the role of iron metabolism ,ferroptosis, and ferroptosis-related lncRNA in tumorigenesis, and we summarized from the following aspects

- **Aberrant iron metabolism in cancer progression**
- **Dysregulated brakes in cancer cell ferroptosis**
- **LncRNAs in ferroptosis and iron metabolism**
- **Perspectives**

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The metabolism, utilization and regulation of cellular iron.



The mechanisms of action of lncRNA in the cell and its functions in tumorigenesis.

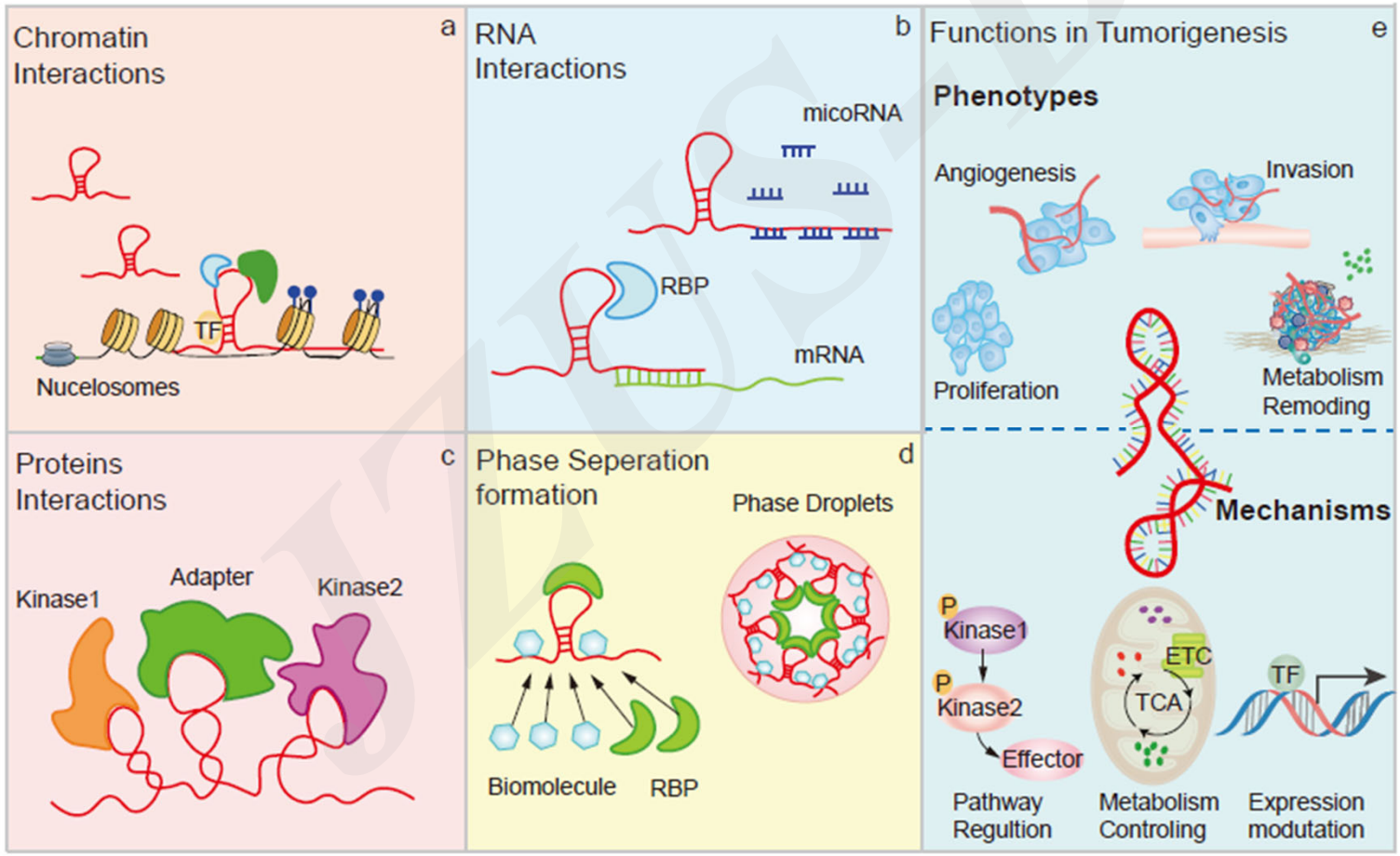


Figure 4

The involvement of lncRNA in ferroptosis.

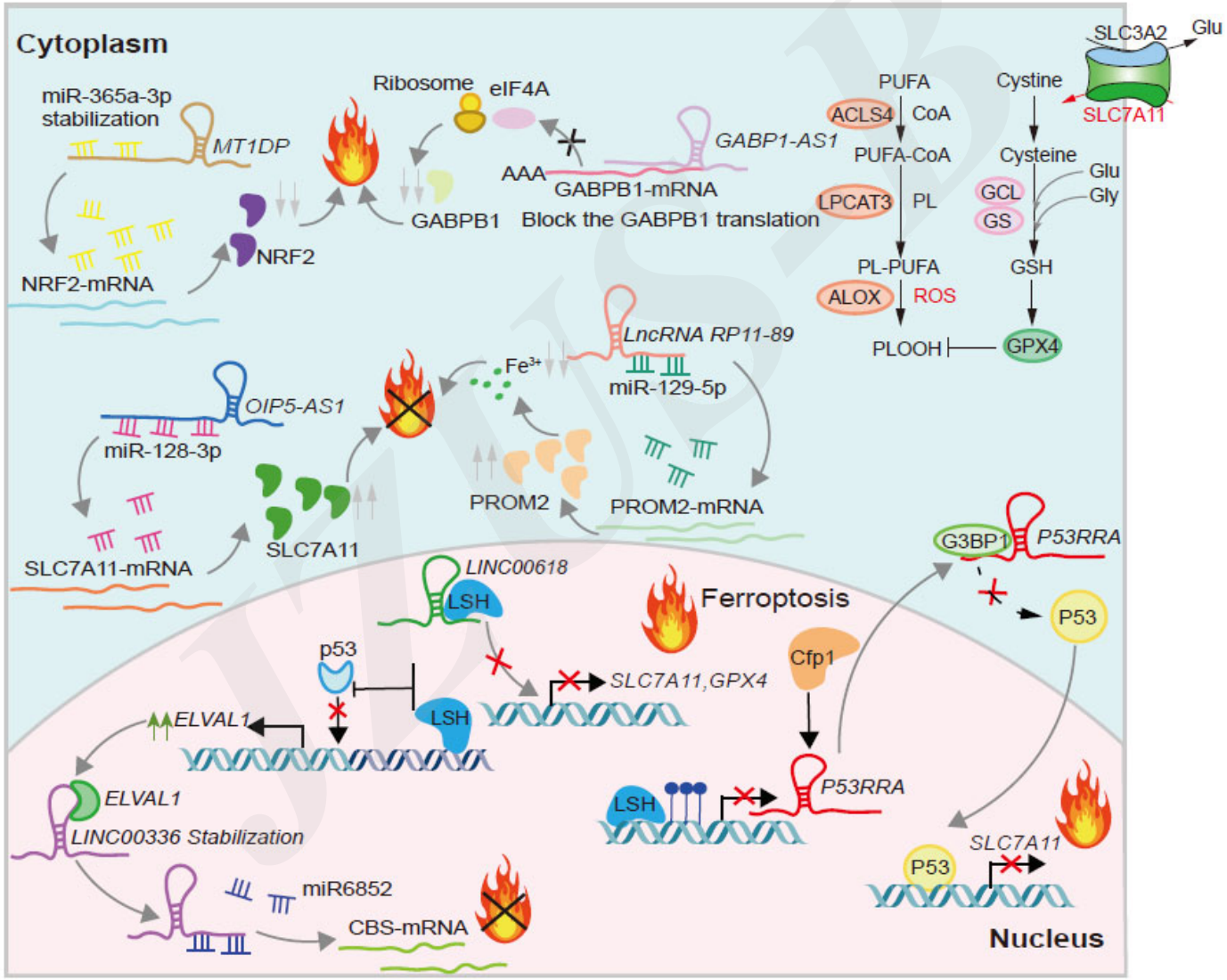


Figure 4

Innovation point

The table was generated to summarize the latest lncRNAs involved in ferroptosis.

Table 1 | LncRNAs involved in ferroptosis.

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