

## **Help - Pre-reading Instructions**

First and foremost, we sincerely appreciate your strong support for the Transcriptional Regulation Team at Novogene. We also welcome any suggestions for improving our work, as we are dedicated to serving you wholeheartedly!

This final report aims to present the results of our information analysis, but it only showcases a portion of the results. For more detailed analysis, please refer to the result data files. To ensure the quality of your reading experience, please carefully read the following instructions:

### **1. Tips for Reading the Final Report**

- ①. Sidebar floating table of contents: Click to navigate to the corresponding analysis content.
- ②. Collapsible table of contents: Open or close the table of contents as needed.
- ③. Linked table of contents: The table of contents is synchronized with the reading progress, allowing you to track your reading progress in real-time.
- ④. Help documentation for the final report: Quickly understand the functions of each section of the report.
- ⑤. The top-right corner of the report provides a link to the PDF version of the final report.

### **2. Key Contents of this Final Report**

- ①. Bioinformatics Analysis Workflow: This section presents the project workflow for the analysis.
- ②. Results Presentation and Explanation: This section includes the results of all analysis content in various forms such as figures and tables. Each analysis section provides corresponding methods and software parameter explanations.
- ③. Appendix:
  - a) Software List: This section displays the software used in the project analysis, including their versions and parameters, to facilitate your future processing and publication.
  - b) Browser Software Instructions: Documentation on the usage of Loupe V(D)J Browser software. The example analysis result images mentioned in the report can be studied and utilized through this documentation.

c) TCR Glossary: This section provides explanations for commonly used terms in TCR analysis, helping you better understand TCR.

d) 10x V(D)J Sample Preparation Recommendations: This section provides recommendations for preparing 10x V(D)J samples.

④. References: The references cited in this analysis.