

Transcriptomics of a THEV-infected Turkey B-cell Line

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¹⁴ **ABSTRACT**

15 INTRODUCTION

- 16 • Discuss the hemorrhagic enteritis disease
- 17 • Discuss proposed mechanisms/pathways/ideas
- 18 • Discuss why NGS will help elucidate the host response and show examples of NGS used to as such
- 19 • End with the study aims/goals

22 CONCLUSIONS

23 MATERIALS AND METHODS

24 Cell culture and THEV Infection

25 RNA extraction and Sequencing

26 Quality Control and Mapping Process

27 Functional Enrichment Analysis

28 Expression Profiling and Differentially Expressed Genes

29 Quantitative Real-Time Reverse Transcriptase PCR

30 Statistical Analysis

34 REFERENCES

