S1.61

**Conclusion:**

Aspergillus fumigatus is the predominant fungal cause of keratitis. The fungal DNA assay was highly sensitive and specific, and it is a promising tool for diagnosing fungal keratitis and guiding therapy. The fungal DNA assay should be used in combination with other diagnostic methods to improve the accuracy of fungal keratitis diagnosis.

S1.62

**Results:**

The fungal DNA assay was performed over a period of 12 months, during which 120 patients with suspected fungal keratitis were enrolled. The results showed that the fungal DNA assay had a high sensitivity and specificity in diagnosing fungal keratitis. The assay was also able to differentiate between different fungal species, which is crucial in guiding appropriate treatment. The results also highlighted the importance of early detection and diagnosis in improving the prognosis of fungal keratitis.

S1.63

**Discussion:**

Fungal keratitis remains a significant cause of visual loss and economic burden worldwide. The early and accurate diagnosis of fungal keratitis is crucial for effective treatment and preventing vision loss. The fungal DNA assay described in this study provides a sensitive and specific diagnostic tool for fungal keratitis. Its integration into clinical practice could potentially improve the management of fungal keratitis and reduce the burden of visual impairment caused by this disease.