

**Additional File:**

**Cell Line Authentication and Mycoplasma Testing Reports**

# 1.STR Authentication

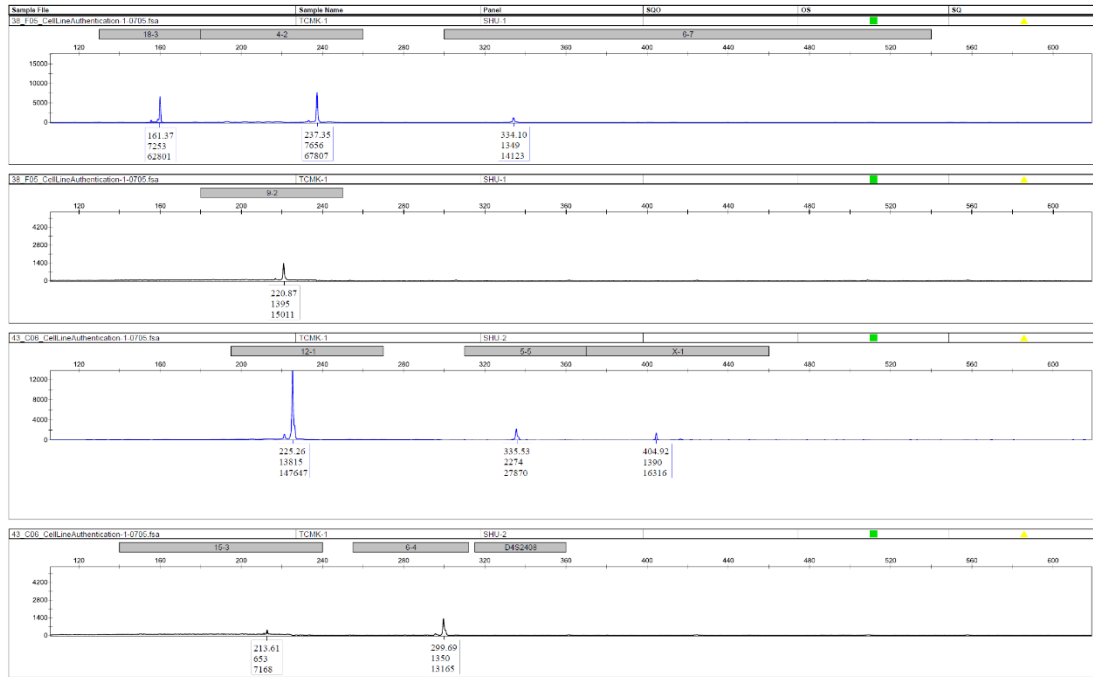
Cell Line: TCMK-1

Testing Agency: FuHeng Cell Center, Shanghai, China

Conclusion: The STR profile matches the known database for TCMK-1 cells. The cell line is authentic.



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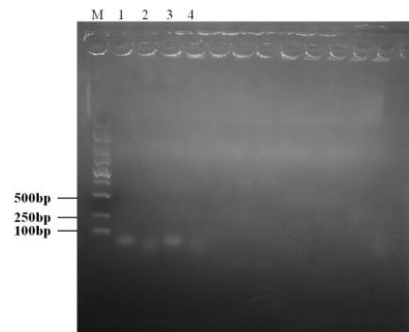


# 2: Mycoplasma Testing

Method: PCR-based detection

Result: Negative.

Conclusion: The cell culture is free from mycoplasma contamination.



Lane M: DL5000 Marker;

Lane 1: Mycoplasma 1;

Lane 2: Mycoplasma 2;

Lane 3: Mycoplasma 3;

Lane 4: Mycoplasma 4