STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

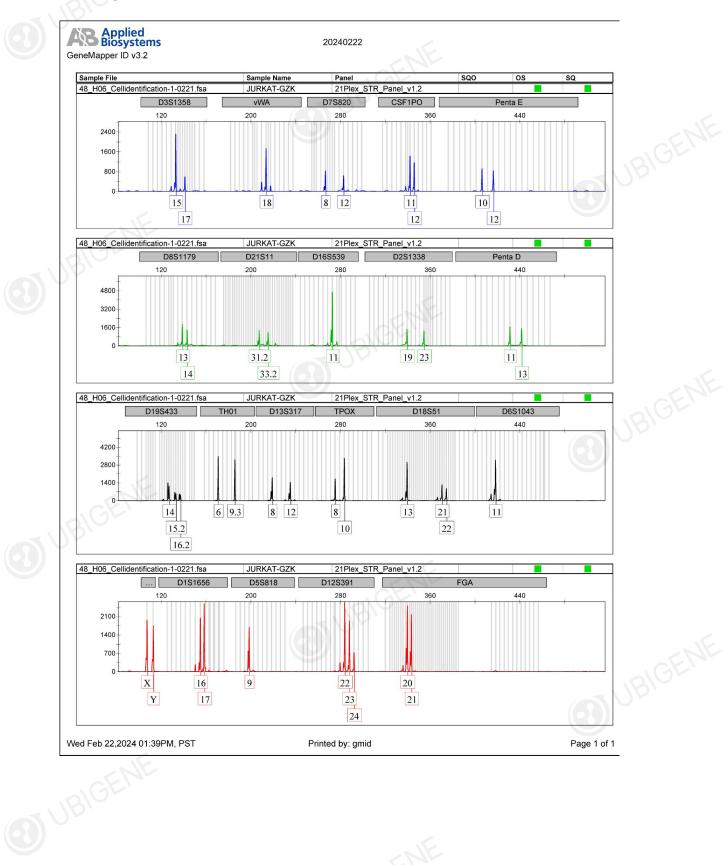
- 1. Cell Name: Jurkat, Clone E6-1
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: Jurkat-CloneE6-1			STR profile for Cell Bank cell Cell name: Jurkat, Clone E6-1		
	D5S818	9	9	- IBIC	9	9
D13S317	8	12		8	12	
D7S820	8	12		8	12	, IBIGI
D16S539	11	11		11	11	
VWA	18	18		18	18	
TH01	6	9.3		6	9.3	
AMEL	Х	Υ		Х	Y	
ТРОХ	8	10		8	10	
CSF1PO	11	12	- IBIC	11	12	

Note: The above figure shows the comparison results of nine genotype loci for detecting cells and cells from the cell bank.

4. Conclusion: The STR results of Jurkat, Clone E6-1 cells are consistent with the genotypes of Jurkat, Clone E6-1 cell lines in DSMZ database, the cell ID corresponded to TIB-152, and the STR results completely matched. In the test, Multi allele was found in this cell line.

5. Attached Image



3 UBIGENE