STR Authentication Report For Cell Line

(B) UBIGENE

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- 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	ults of STR and	Amelogenin l	oci in cells		
0	STR profile for Sample cell Cell name: Jurkat-CloneE6-1			STR profile for Cell Bank cell Cell name: Jurkat, Clone E6-1			
STR Loci							
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	9	9	- IBIC	9	9		
D13S317	8	12		8	12		
D7S820	8	12		8	12	, IBIGE	
D16S539	11	11		11	11		
VWA	18	18		18	18		
TH01	6	9.3		6	9.3		
AMEL	Х	Υ		Х	Y		
TPOX	8	10		8	10		
CSF1PO	11	12	UBIC	11	12		
D12S391	22	23				251	
FGA	20	21				- IBIO	
D2S1338	19	23					
D21S11	31.2	33.2					
D18S51	13	21	22.0				
D8S1179	13	14					
D3S1358	15	15		CNE			
D6S1043	11	11	-11B/C				

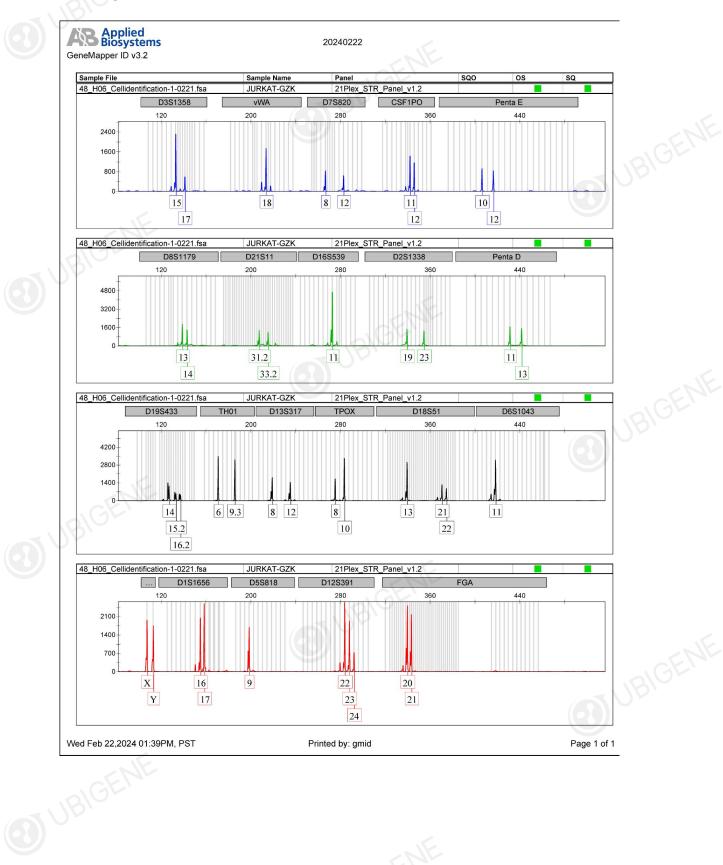
PENTAE	10	12			
D19S433	14	15.2			
PENTAD	11	13		ENE	
D1S1656	16	17	BIC		

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

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5. Attached Image



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