(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

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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. JUBIGEN
- 3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci 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	JUBIC	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	Υ			
TPOX	8	10	. C	8	10			
CSF1PO	11	12	JUBIC	11	12			
D12S391	22	23				مرح ا		
FGA	20	21				IBIO		
D2S1338	19	23			(9)			
D21S11	31.2	33.2						
D18S51	13	21	22.0					
D8S1179	13	14						

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D3S1358	15	15			
D6S1043	11	11			
PENTAE	10	12	. C	ENE	
D19S433	14	15.2	UBIC		
PENTAD	11	13			-E1
D1S1656	16	17			* IBIO

4. Conclusion: The STR results of <u>Jurkat, Clone E6-1</u> cells are consistent with the genotypes of <u>Jurkat, 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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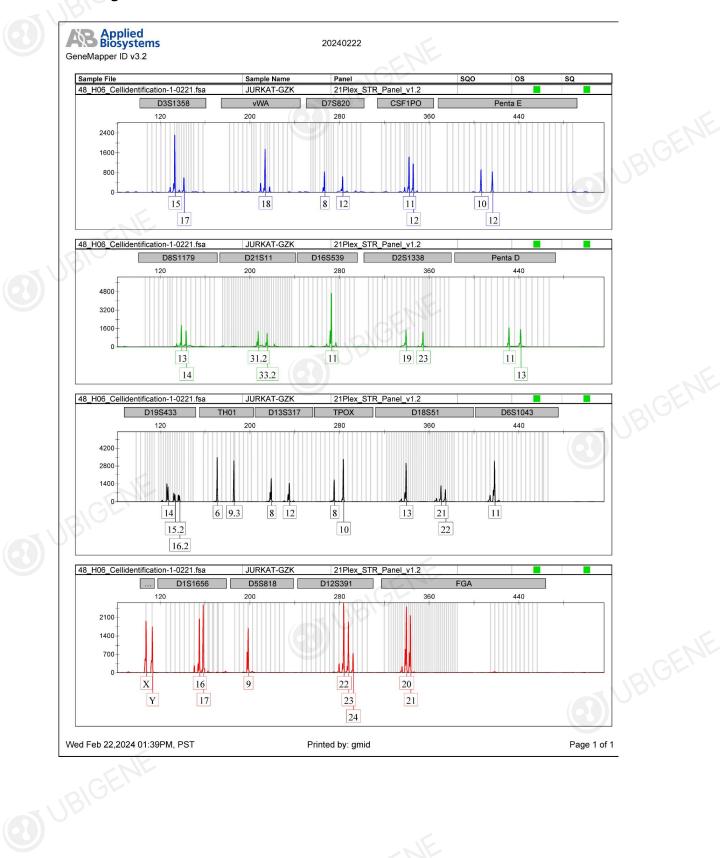
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5. Attached Image



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