(1) UBIGER

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

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1. Cell Name: TT

- 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 results of STR and Amelogenin loci in cells								
.0	STR profile for Sample cell Cell name: STR25041124			STR profile for Cell Bank cell  Cell name: TT				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	12	13	JUBIC	12	13			
D13S317	11	11		11	11			
D7S820	10	12		10	12	- IBIGE		
D16S539	12	13		12	13			
VWA	16	18		16	18			
TH01	6	9		6	9			
AMEL	Х	Х		Х	Х			
TPOX	8	11	. C	8	11			
CSF1PO	10	13	UBIC	10	13			
D12S391	15	21				aE'		
FGA	21	25				BIGL		
D2S1338	17	23			(3)			
D21S11	29	32.2						
D18S51	12	12						
D8S1179	15	16						

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D3S1358	15	15			
D6S1043	12	13			
PENTAE	7	13	. C	ENE	
D19S433	14	15	UBIC		
PENTAD	13	13			-E1
D1S1656	14	15			* I IBIOL

4. Conclusion: The STR results of <u>TT</u> cells are consistent with the genotypes of <u>TT</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1803</u>, and the STR results <u>completely</u> <u>matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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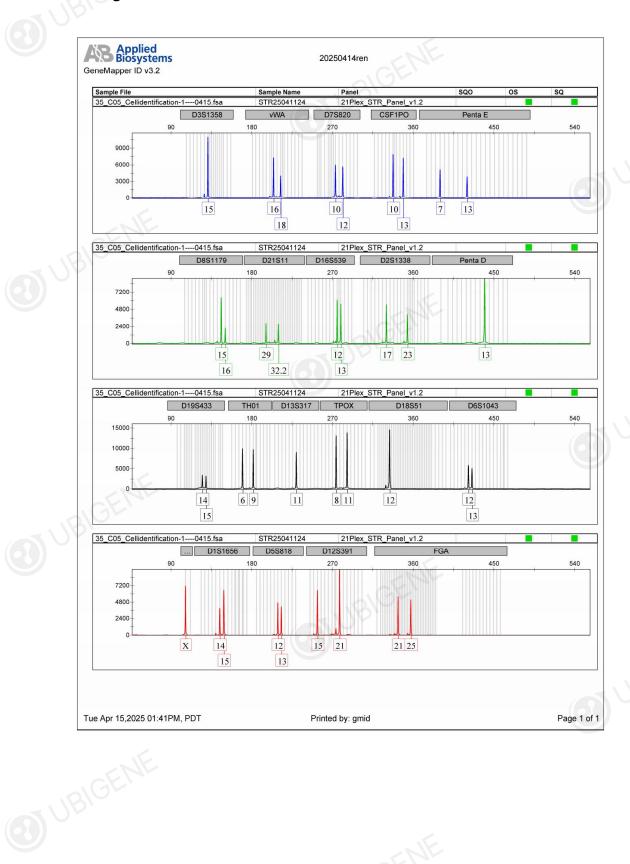
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## 5. Attached Image



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