(1) UBIGER

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

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Online Inquiry

1. Cell Name: Hs 578T

- 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: STR24103104			STR profile for Cell Bank cell Cell name: Hs-578T				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	11	11	- UBIC	11	11			
D13S317	11	11		11	11			
D7S820	10	10		10	10	I IBIGK		
D16S539	9	12		9	12			
VWA	17	17		17	17			
TH01	9	9.3		9	9.3			
AMEL	Х	Х		Х	Х			
ТРОХ	8	8	. C	8	8			
CSF1PO	13	13	NBIG	13	13			
D12S391	19	19				~E'		
FGA	23	24				1 BIOL		
D2S1338	17	26						
D21S11	29	32.2						
D18S51	16	16						
D8S1179	13	13						

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					((0)	
D3S1358	16	17				
D6S1043	12	12				
PENTAE	13	14	. C	ENE		
D19S433	14	15	UBIC			
PENTAD	8	13				-E1
D1S1656	11	16				- IBIO

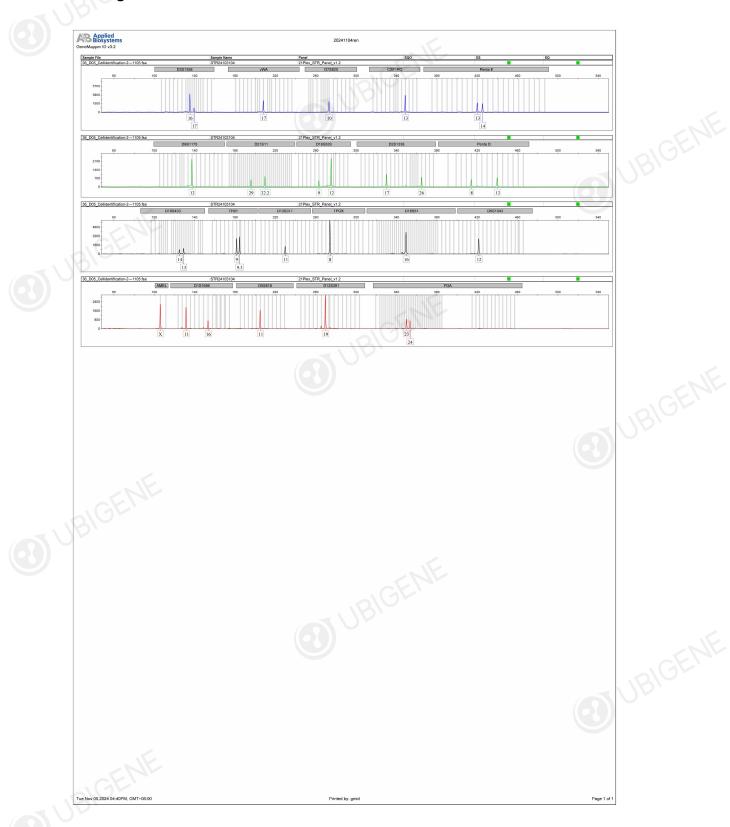
4. Conclusion: The STR results of <u>Hs 578T</u> cells are consistent with the genotypes of <u>Hs</u> <u>578T</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>HPACC</u>, and the STR results <u>completely matched</u>. In the test, **No multi allele was found** in this cell line.

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5. Attached Image



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