(1) UBIGER

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

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1. Cell Name: TE-12

- 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: STR25031425			STR profile for Cell Bank cell Cell name: TE-12				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	11	11	- UBIC	11	11			
D13S317	12	12		12	12			
D7S820	10	13		10	13	I BIGE		
D16S539	9	10		9	10			
VWA	16	17		16	17			
TH01	9	9		9	9			
AMEL	Х	Х		Х	Υ			
TPOX	8	8	. C	8	8			
CSF1PO	11	11	NBIG	11	11			
D12S391	20	20				a E l		
FGA	22	22				NBIGE		
D2S1338	22	24						
D21S11	30	30						
D18S51	16	16						
D8S1179	10	11						

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D3S1358	16	16			
D6S1043	17	17			
PENTAE	19	19	. C	ENE	
D19S433	12	14.2	UBIC	,	
PENTAD	12	12			730
D1S1656	13	14			* IBIO

4. Conclusion: The STR results of <u>TE-12</u> cells are consistent with the genotypes of <u>TE-12</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_1762</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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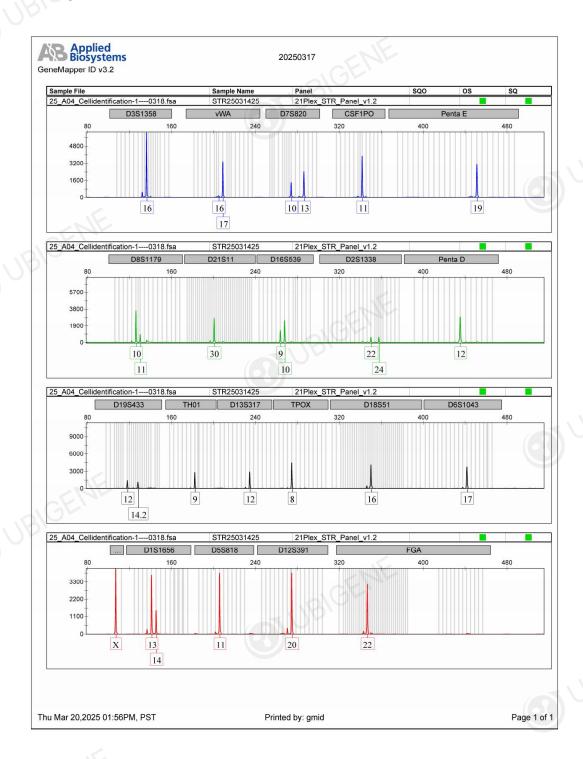
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5. Attached Image



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