(1) UBIGER

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

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1. Cell Name: NCI-H647

- 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								
STR Loci	STR profile for Sample cell Cell name: STR25041109			STR profile for Cell Bank cell Cell name: NCI-H647 [H647]				
								Allele1
	D5S818	12	12	JUBIC	12	12		
D13S317	9	11		9	11			
D7S820	10	10		10	10	1 BIGE		
D16S539	9	9		9	9			
VWA	17	17		17	17			
TH01	6	9.3		6	9.3			
AMEL	Х	Х		Х	Х			
TPOX	11	11		EN 11	11			
CSF1PO	10	10	UBIC	10	10			
D12S391	23	23				م ح		
FGA	22	24				IBIGE		
D2S1338	17	25			(3)			
D21S11	28	32.2						
D18S51	12	15						
D8S1179	11	13						

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D3S1358	17	17			
D6S1043	18	20			
PENTAE	7	7	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	12	13			-51
D1S1656	17.3	17.3			* IBIO

4. Conclusion: The STR results of <u>NCI-H647</u> cells are consistent with the genotypes of <u>NCI-H647</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5834</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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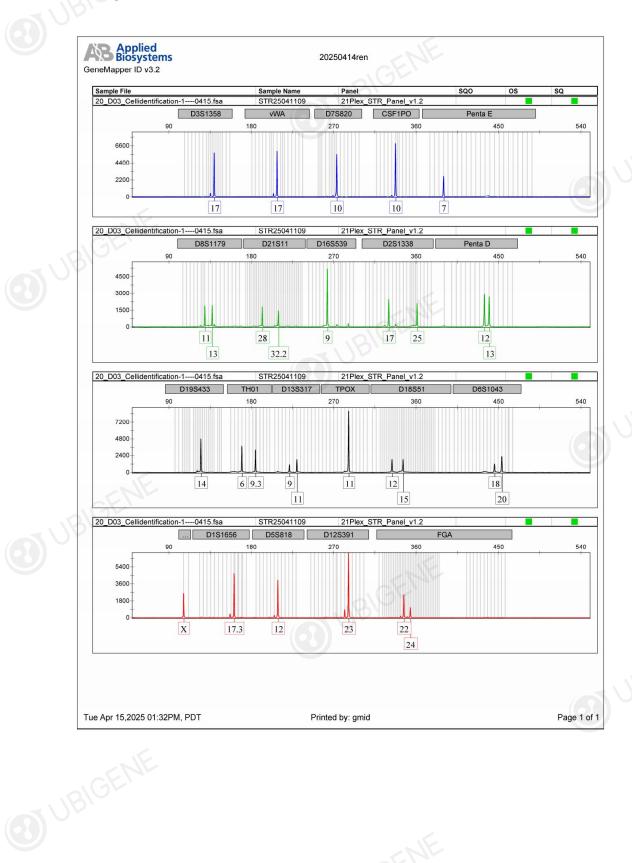
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5. Attached Image



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