(1) UBIGER

## STR Authentication Report For Cell Line

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1. Cell Name: NCI-H1650

- 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: NCI-H1650			STR profile for Cell Bank cell Cell name: NCI-H1650 [H-1650, H1650]				
								Allele1
	D5S818	11	11	JUBIC	11	11		
D13S317	11	11		11	11			
D7S820	8	9		8	9	I BIGE		
D16S539	11	12		11	12			
VWA	18	18		18	18			
TH01	9.3	9.3		9.3	9.3			
AMEL	Х	Х		Х	Х			
TPOX	11	11		11	11			
CSF1PO	11	11	OTUBIC	11	11			
D12S391	22	22				a E l		
FGA	20	20				BIGL		
D2S1338	19	19			(3)			
D21S11	30	30						
D18S51	10	10						
D8S1179	12	12						

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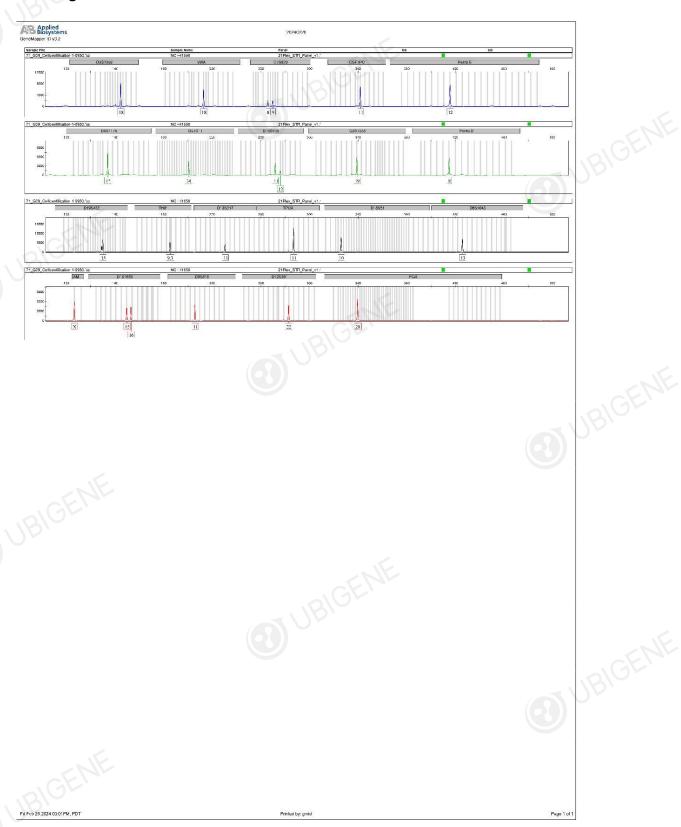
D3S1358	18	18			
D6S1043	13	13			
PENTAE	12	12	. C	ENE	
D19S433	15	15	UBIC		
PENTAD	8	8			-E1
D1S1656	15	16			* I IBIO

4. Conclusion: The STR results of <u>NCI-H1650</u> cells are consistent with the genotypes of <u>NCI-H1650 [H-1650, H1650]</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5883</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was</u> found in this cell line.

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## 5. Attached Image



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