(1) UBIGER

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

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1. Cell Name: NCI-H460

- 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-H460			STR profile for Cell Bank cell Cell name: NCI-H460				
								Allele1
	D5S818	9	10	- UBIC	9	10		
D13S317	13	13		13	13			
D7S820	9	12		9	12	IBIGE		
D16S539	9	9		9	9			
VWA	17	17		17	17			
TH01	9.3	9.3		9.3	9.3			
AMEL	X	Υ		Х	Υ			
TPOX	8	8	. C	8	8			
CSF1PO	11	12	MUBIC	11	12			
D12S391	21	21				-5		
FGA	21	23				IBIGI		
D2S1338	17	25			(9)			
D21S11	30	30						
D18S51	13	15						
D8S1179	12	12						

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D3S1358	15	18			
D6S1043	11	14			
PENTAE	5	5	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	11	13			-51
D1S1656	11	14.3			* IBIO

4. Conclusion: The STR results of <u>NCI-H460</u> cells are consistent with the genotypes of <u>NCI-H460</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>737</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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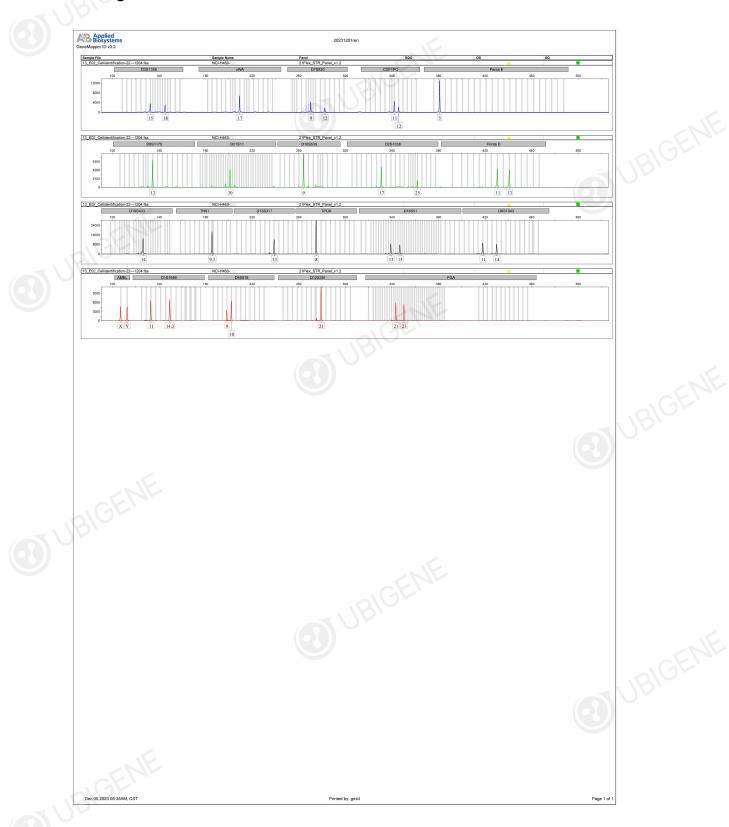
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5. Attached Image



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