(1) UBIGER

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

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1. Cell Name: NCI-H358

- 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 resu	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: NCI-H358			STR profile for Cell Bank cell Cell name: NCI-H358 [H-358, H358]			
	D5S818	10	12	- UBIC	10	12	
D13S317	8	12		8	12		
D7S820	10	11		10	11	IBIGE	
D16S539	12	13		12	13		
VWA	17	17		17	17		
TH01	6	6		6	6		
AMEL	Х	Υ		Х	Υ		
TPOX	8	9	. C	8	9		
CSF1PO	11	12	MUBIC	11	12		
D12S391	20	22				-5	
FGA	20	21				IBIGI	
D2S1338	17	23			(9)		
D21S11	28	29	30.0				
D18S51	14	16					
D8S1179	13	14					

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D3S1358	14	18			
D6S1043	11	14			
PENTAE	18	18	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	10	13			730
D1S1656	15	15.3			* IBIO

4. Conclusion: The STR results of <u>NCI-H358</u> cells are consistent with the genotypes of <u>NCI-H358</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5807</u>, and the STR results <u>completely matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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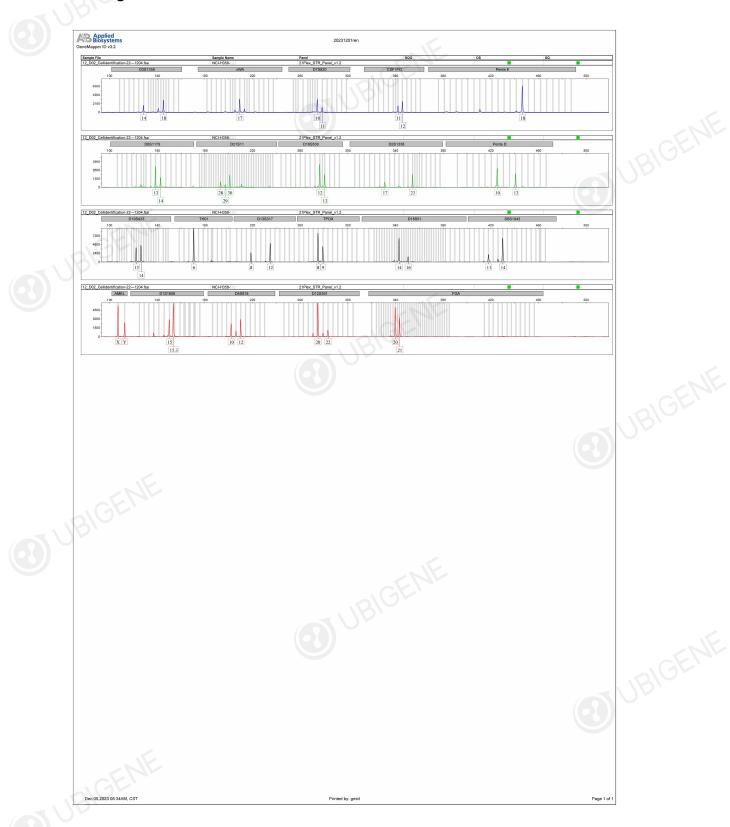
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5. Attached Image



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