(1) UBIGER

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

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

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1. Cell Name: NCI-H2452[H2452]

- 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	e analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25012005			STR profile for Cell Bank cell Cell name: NCI-H2452 [H2452]			
	D5S818	11	12	BIC	11	12	
D13S317	12	12		12	12		
D7S820	9	11		9	11	- IBIGE	
D16S539	11	13		11	13		
VWA	17	18		17	18		
TH01	6	9.3		6	9.3		
AMEL	Х	Y		Х	Y		
TPOX	8	11		8	11		
CSF1PO	11	12	UBIC	11	12		
D12S391	17.3	20	21.0			a E I	
FGA	23	23				BIOL	
D2S1338	20	20					
D21S11	28	32.2					
D18S51	15	15					
D8S1179	10	10					

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D3S1358	17	17			
D6S1043	11	12			
PENTAE	12	15	. C	ENE	
D19S433	13	13	UBIC	,	
PENTAD	9	9			75
D1S1656	12	17.3			* IBIO

4. Conclusion: The STR results of NCI-H2452[H2452] cells are consistent with the genotypes of NCI-H2452[H2452] cell lines in DSMZ database, the cell ID corresponded to CRL-5946, and the STR results completely matched. In the test, No multi allele was found in this cell line.

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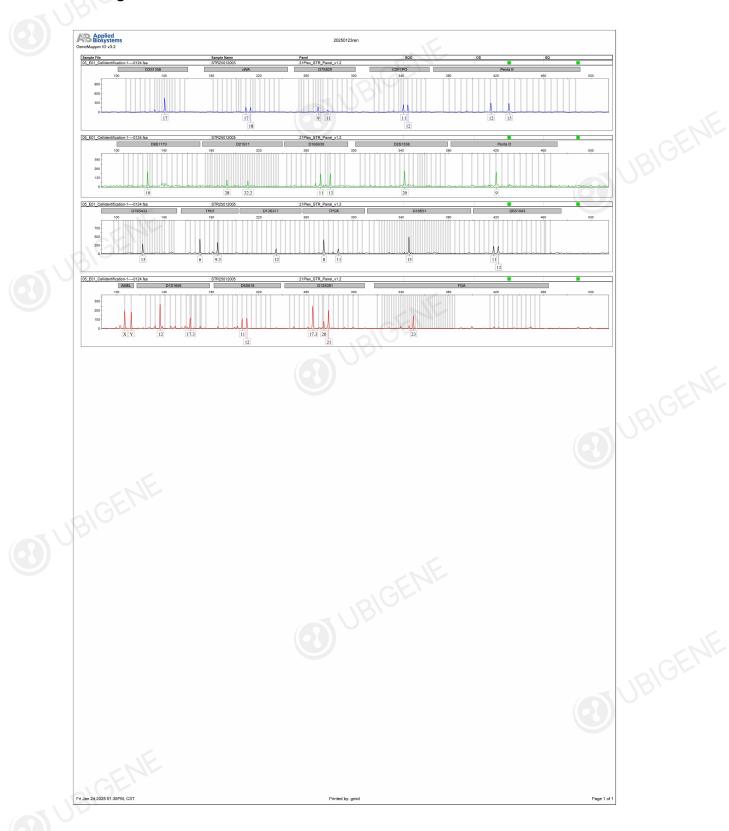
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5. Attached Image



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