(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: HCC4006

- 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	ılts of STR and	Amelogenin l	oci in cells		
.0	STR profile for Sample cell  Cell name: STR25041120			STR profile for Cell Bank cell Cell name: HCC4006			
STR Loci							
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	12	12	JUBIC	12	12		
D13S317	11	12		11	12		
D7S820	9	12		9	12	IBIGI	
D16S539	12	12		12	12		
VWA	16	17		16	17		
TH01	G 7	7		7	7		
AMEL	Х	Х		Х	Х		
ТРОХ	8	9		8	9		
CSF1PO	10	10	UBIC	10	10		
D12S391	21	22				~~	
FGA	21	22				(IBIO)	
D2S1338	17	24			0		
D21S11	31	31					
D18S51	19	19					
D8S1179	10	14					

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D3S1358	18	18			
D6S1043	17	17			
PENTAE	7	13		ENE	
D19S433	12	13	UBIC	, -	
PENTAD	9	14			-E1
D1S1656	16	17.3			* I IBIO

4. Conclusion: The STR results of <u>HCC4006</u> cells are consistent with the genotypes of <u>HCC4006</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_1269</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

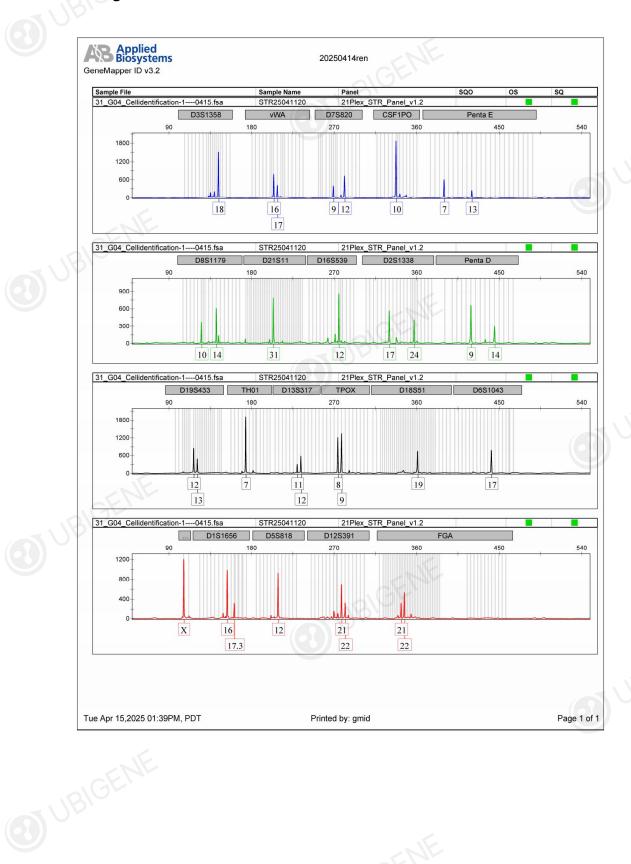
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## 5. Attached Image



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