## STR Authentication Report For Cell Line

(B) UBIGENE

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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.

	Genotype	e analysis resu	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25041120			STR profile for Cell Bank cell Cell name: HCC4006			
	D5S818	12	12	-11B1C	12	12	
D13S317	11	12		11	12		
D7S820	9	12		9	12	IBIGE	
D16S539	12	12		12	12		
VWA	16	17		16	17		
TH01	7	7		7	7		
AMEL	Х	Х		Х	Х		
TPOX	8	9		8	9		
CSF1PO	10	10	UBIC	10	10		
D12S391	21	22					
FGA	21	22				, IBIO	
D2S1338	17	24			(1)		
D21S11	31	31					
D18S51	19	19					
D8S1179	10	14					
D3S1358	18	18		CNE			
D6S1043	17	17	1810				

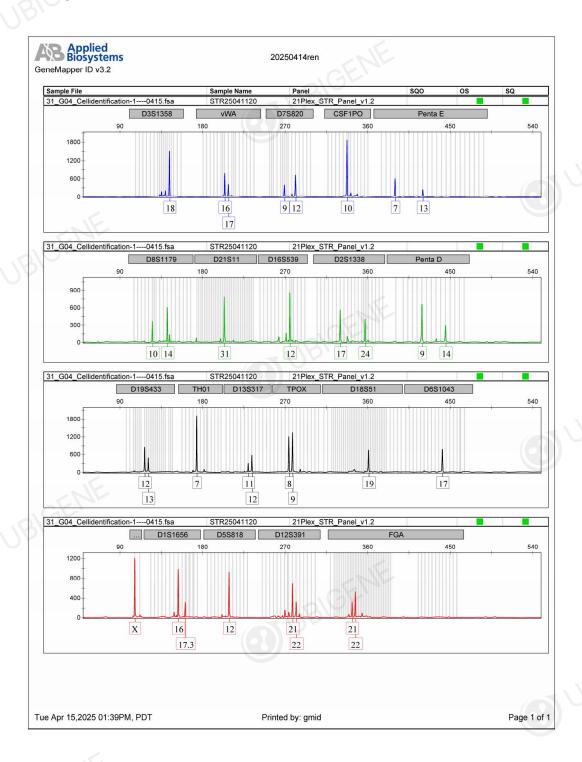
PENTAE	G 7	13			
D19S433	12	13			
PENTAD	9	14		ENE	
D1S1656	16	17.3	JUBIC		

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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