(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: HCT 116

- 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								
اه.	STR profile for Sample cell Cell name: HCT116			STR profile for Cell Bank cell Cell name: HCT 116				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	10	11	- UBIC	10	11			
D13S317	10	12		10	12			
D7S820	11	12		11	12	1 BIGE		
D16S539	11	13		11	13			
VWA	17	22		17	17			
TH01	8	9		8	9			
AMEL	X	Х		Х	Υ			
TPOX	8	8	. C	8	9			
CSF1PO	7	10	NBIG	7	10			
D12S391	17	21				~C		
FGA	18	23				11BIO		
D2S1338	16	16						
D21S11	29	30						
D18S51	16	17						
D8S1179	12	14						

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D3S1358	12	19			
D6S1043	13	13			
PENTAE	13	14	. C	ENE	
D19S433	12	13	UBIC		
PENTAD	9	13			-E1
D1S1656	12	14			* IBIO

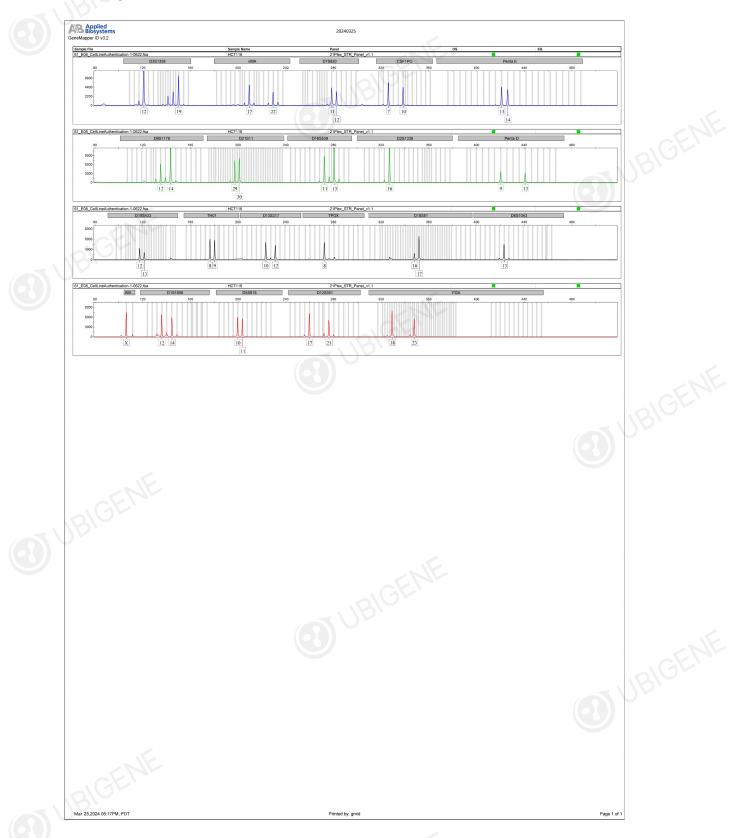
4. Conclusion: The STR results of <u>HCT 116</u> cells are consistent with the genotypes of <u>HCT 116</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CVCL_0291</u>, and the STR results <u>basically matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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Online Inquiry

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