(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: Hep G2

- 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.
- 3. Sample gene genotype analysis result:

	- 9	e analysis resu			6	Inp.	
	Genotype	e analysis resu	Its of STR and	l Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: Hep G2			STR profile for Cell Bank cell Cell name: GS-HepG2			
	D5S818	11	12	JUBIC	11	12	
D13S317	9	13		9	13		
D7S820	10	10		10	10	- 11BIGH	
D16S539	12	12		12	12		
VWA	17	17		17	17		
TH01	9	9		9	9		
AMEL	Х	Y		Х	Y		
TPOX	8	9	. (8	9		
CSF1PO	10	11	UBI	10	11		
D12S391	21	25				~<	
FGA	22	25				· IBIO	
D2S1338	19	20					
D21S11	29	31					
D18S51	13	14					
D8S1179	15	16					

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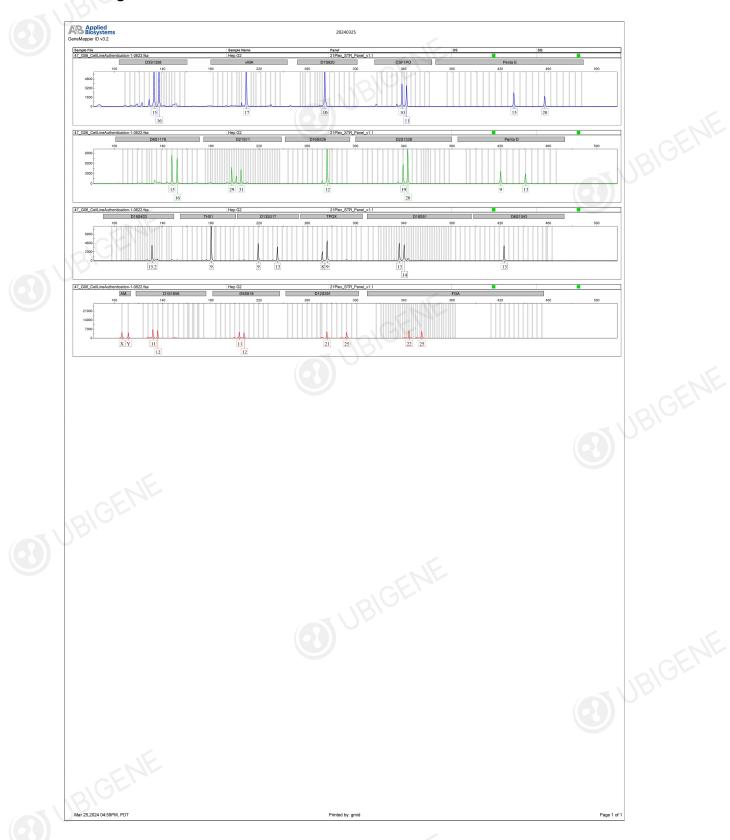
D3S1358	15	16			
D6S1043	13	13			
PENTAE	15	20	. C	ENE	
D19S433	15.2	15.2	UBIC		
PENTAD	9	13			-E1
D1S1656	11	12			* I IBIO

4. Conclusion: The STR results of <u>Hep G2</u> cells are consistent with the genotypes of <u>Hep G2</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>RCB1681</u>, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

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5. Attached Image



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Online Inquiry

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