(1) UBIGER

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

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Online Inquiry

1. Cell Name: HBL-100

- 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:

. Sampie ge	ene genotype	e analysis resu	IIT.				
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: HBL-100			STR profile for Cell Bank cell Cell name: HBL-100			
	D5S818	11	12	SUBIC	11	12	
D13S317	12	12		12	12		
D7S820	8	12		8	12	- 11BIGH	
D16S539	9	12		9	12		
VWA	16	16		16	16		
TH01	6	8		6	8		
AMEL	Х	Х		Х	Х		
TPOX	8	8		8	8		
CSF1PO	10	10	JUBIL	10	10		
D12S391	18	18					
FGA	25	25				· / IBIO	
D2S1338	18	24			(2)		
D21S11	28	29	30.0				
D18S51	16	16					
D8S1179	12	15					

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D3S1358	14	16			
D6S1043	12	14			
PENTAE	7	7	. C	ENE	
D19S433	15	15	UBIC		
PENTAD	12	12			727
D1S1656	12	16.3			* IBIO

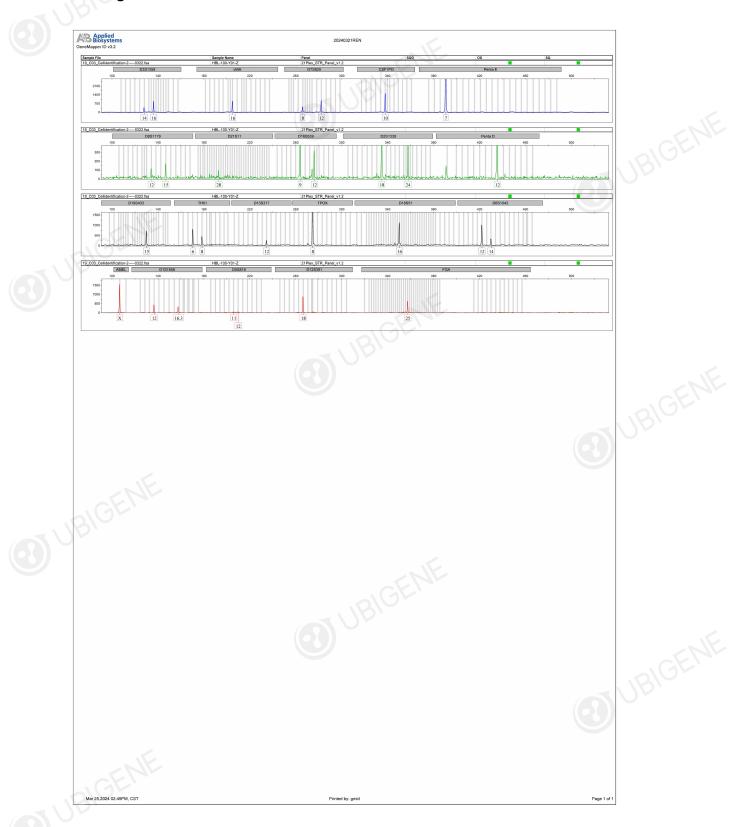
4. Conclusion: The STR results of <u>HBL-100</u> cells are consistent with the genotypes of <u>HBL-100</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_4362Best</u>, and the STR results <u>completely matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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