(1) UBIGER

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

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1. Cell Name: hFOB 1.19

- 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		
STR Loci	STR profile for Sample cell Cell name: STR25032708			STR profile for Cell Bank cell Cell name: hFOB-1.19			
	D5S818	11	12	JUBIC	11	12	
D13S317	11	12		11	12		
D7S820	8	10		8	10	- IBIGE	
D16S539	9	13		9	13		
VWA	16	18		16	18		
TH01	G 7	9.3		7	9.3		
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	10	13	UBIC	10	13		
D12S391	20	23				a E l	
FGA	19	22				* I IBIO	
D2S1338	23	24			(-)		
D21S11	29	32.2					
D18S51	10	17					
D8S1179	10	14					

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D3S1358	G 17	18			
D6S1043	13	16			
PENTAE	8	11	. C	ENE	
D19S433	13	15	UBIC		
PENTAD	9	13			-E1
D1S1656	16	16.3			* IBIO

4. Conclusion: The STR results of hFOB 1.19 cell lines in DSMZ database, the cell ID corresponded to CRL-11372, and the STR results completely matched. In the test, No multi allele was found in this cell line.

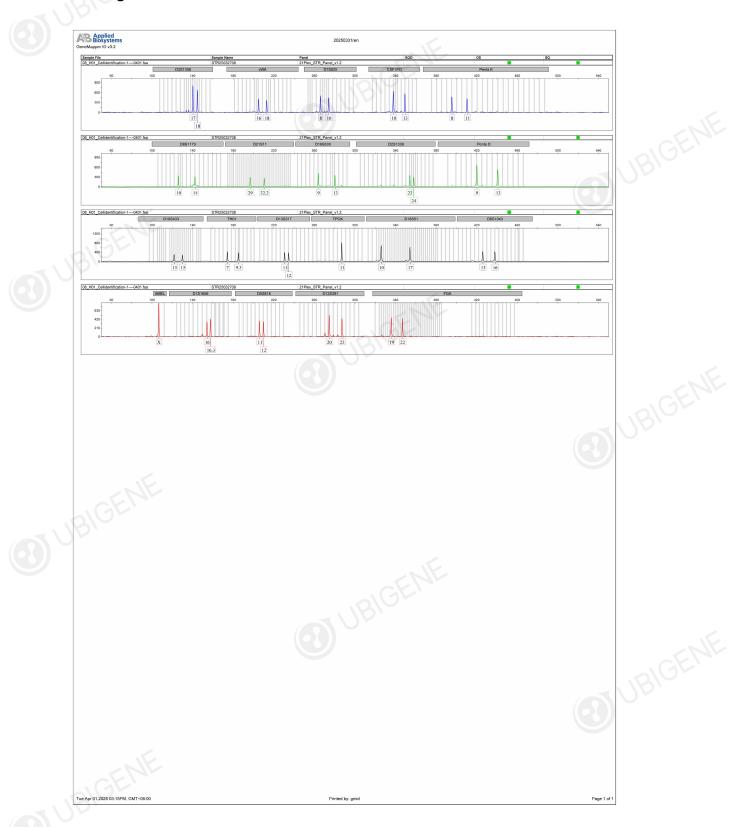
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5. Attached Image



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