(1) UBIGER

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

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1. Cell Name: OCUM-1

- 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	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell  Cell name: STR25031428			STR profile for Cell Bank cell Cell name: OCUM-1			
	D5S818	9	10	NIBIC	9	10	
D13S317	10	11		10	11		
D7S820	12	12		12	12	- IBIGE	
D16S539	11	11		11	11		
VWA	14	17		14	17		
TH01	9	9		9	9		
AMEL	Х	Х		Х	Х		
TPOX	8	11		8	11		
CSF1PO	10	12	UBIC	10	12		
D12S391	18	21				a E	
FGA	19	23				* I IBIOL	
D2S1338	18	27			(2)		
D21S11	30	30					
D18S51	12	13					
D8S1179	11	12					

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D3S1358	17	17			
D6S1043	12	15			
PENTAE	12	19	. C	ENE	
D19S433	13	15.2	UBIC		
PENTAD	12	13			-E1
D1S1656	16.3	17.3			* IBIO

4. Conclusion: The STR results of <u>OCUM-1</u> cells are consistent with the genotypes of <u>OCUM-1</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_3084</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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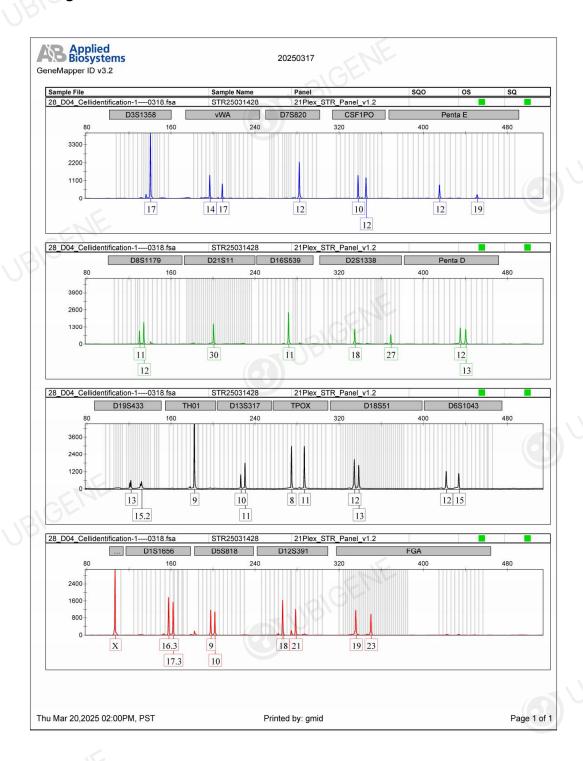
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## 5. Attached Image



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