(1) UBIGER

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

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1. Cell Name: VCaP

- 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:

	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: VCaP			STR profile for Cell Bank cell Cell name: VCaP			
	D5S818	12	12	JUBIC	12	12	
D13S317	11	12		11	12		
D7S820	9	12		9	12	- IBIGE	
D16S539	9	9		9	9		
VWA	18	19		18	19		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Υ		Х	Y		
TPOX	8	11	.0	8	11		
CSF1PO	10	12	UBIC	10	12		
D12S391	21	23				CE!	
FGA	26	26				* I IBIO	
D2S1338	17	25			(2)		
D21S11	31	31					
D18S51	13	13					
D8S1179	12	13					

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D3S1358	14	15			
D6S1043	11	11			
PENTAE	10	12	. C	ENE	
D19S433	13	13	UBIC		
PENTAD	9	9			-E1
D1S1656	13	17.3			* IBIO

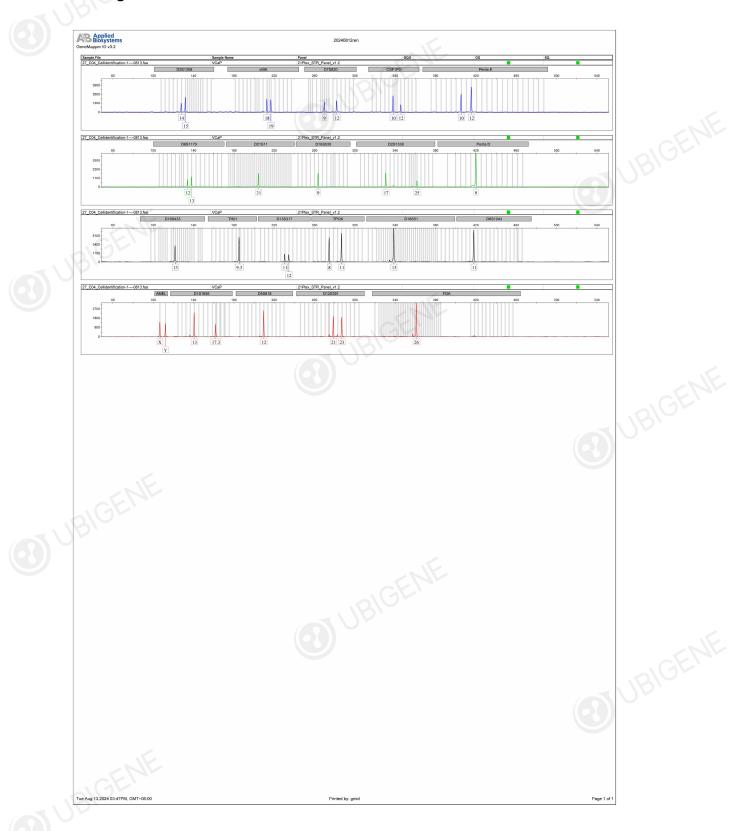
4. Conclusion: The STR results of <u>VCaP</u> cells are consistent with the genotypes of <u>VCaP</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-2876</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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