(1) UBIGER

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

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

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1. Cell Name: OVCAR-5

- 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		
,01	STR profile for Sample cell Cell name: STR25041102			STR profile for Cell Bank cell Cell name: OVCAR-5			
STR Loci							
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	13	JUBIC	11	13		
D13S317	10	13		10	13		
D7S820	10	10		10	10	- IBIGE	
D16S539	11	11		11	11		
VWA	16	16		16	16		
TH01	GE 7	9.3		7	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	11	. C	8	11		
CSF1PO	10	10	UBIC	10	10		
D12S391	21	21				م	
FGA	23	23				IBIGE	
D2S1338	17	23			(8)		
D21S11	31	31					
D18S51	12	12					
D8S1179	13	14					

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D3S1358	15	16			
D6S1043	12	19			
PENTAE	9	16	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	12	12			a E l
D1S1656	15	17.3			* IBIO

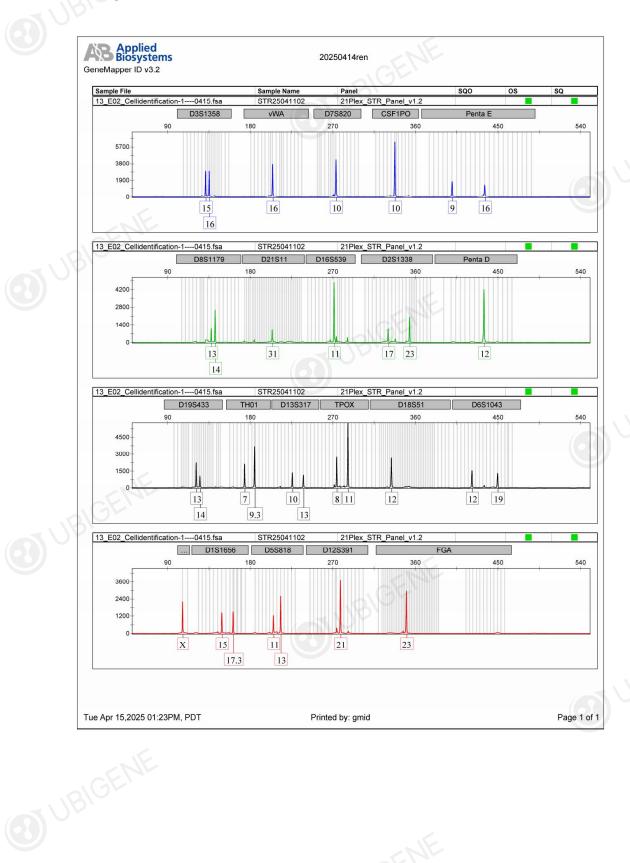
4. Conclusion: The STR results of <u>OVCAR-5</u> cells are consistent with the genotypes of <u>OVCAR-5</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>NCI-60 panel</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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