(1) UBIGER

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

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1. Cell Name: AsPC-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	ılts of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: AsPC-1-Y01-Z			STR profile for Cell Bank cell		
				Cell name: AsPC-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12	JUBIC	12	12	
D13S317	9	12		9	12	
D7S820	12	13		12	13	- IBIGE
D16S539	11	11		11	11	
VWA	17	17		17	17	
TH01	7	9.3		7	9.3	
AMEL	Х	Х		Х	Х	
TPOX	8	10		8	10	
CSF1PO	10	13	UBIC	10	13	
D12S391	19	19				a E
FGA	24	24				(1)BIO
D2S1338	22	23				
D21S11	28	30				
D18S51	18	18				
D8S1179	13	15				

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D3S1358	16	16			
D6S1043	11	20			
PENTAE	5	12	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	9	12			-E1
D1S1656	12	18.3			* I IBIO

4. Conclusion: The STR results of <u>AsPC-1</u> cells are consistent with the genotypes of <u>AsPC-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1682</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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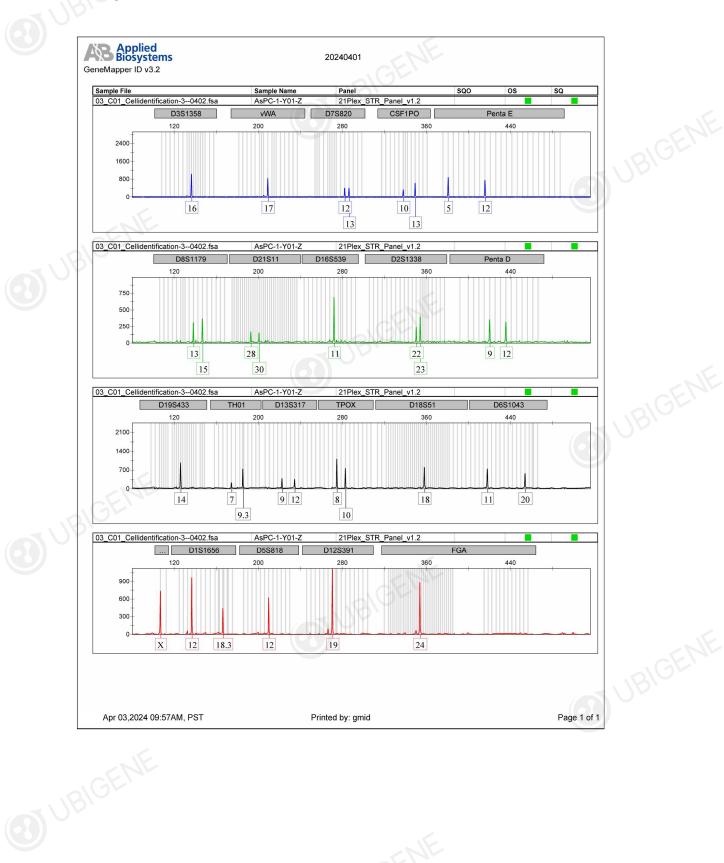
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5. Attached Image



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