(1) UBIGER

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

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1. Cell Name: PC9

- 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	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR24041113			STR profile for Cell Bank cell Cell name: PC-9			
	D5S818	11	11	JUBIC	11	11	
D13S317	8	8		8	8	-51	
D7S820	10	11		10	11	- IBIGE	
D16S539	9	9		9	9		
VWA	17	17		17	17		
TH01	G 7	7		7	7		
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	11	11	Angle	11	11		
D12S391	18	18				CET	
FGA	23	23				* I JBIG	
D2S1338	19	20			(2)		
D21S11	29	30					
D18S51	15	15					
D8S1179	11	15					

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D3S1358	16	16			
D6S1043	13	19			
PENTAE	11	15		ENE	
D19S433	13	15.2	UBIC		
PENTAD	9	13			-E1
D1S1656	15	18.3			* I IBIO

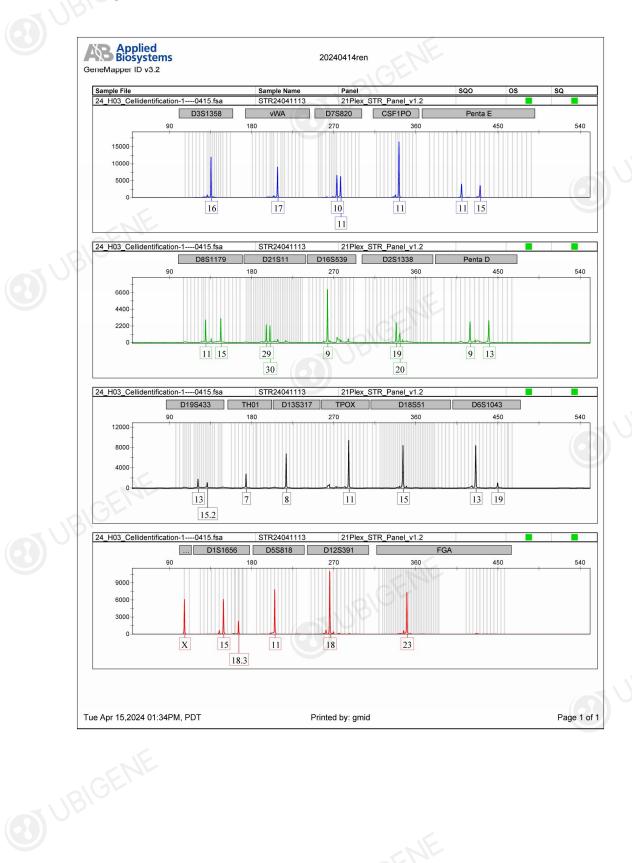
4. Conclusion: The STR results of <u>PC9</u> cells are consistent with the genotypes of <u>PC9</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CVCL_B260</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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