STR Authentication Report For Cell Line

(B) UBIGENE

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- 1. Cell Name: PC-9-MTAC
- 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:

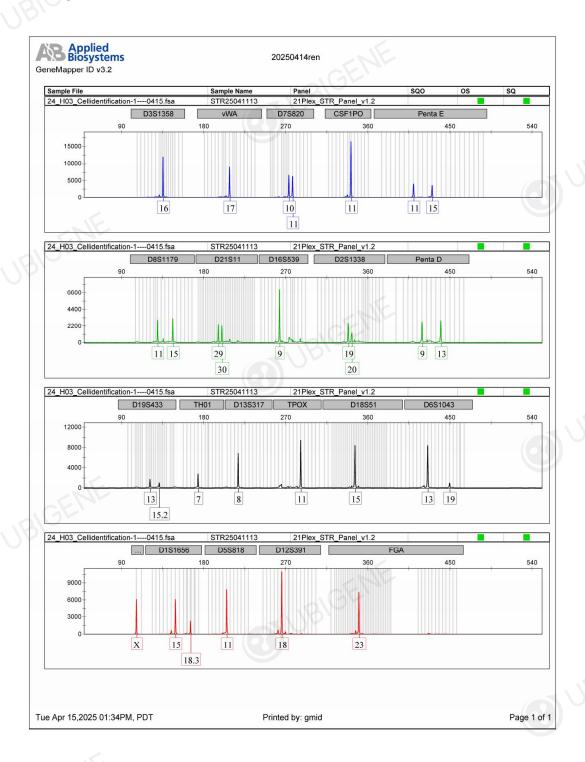
	the ABI 3730 ene genotype						
	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells	Op.	
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25041113			Cell name: PC-9			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	-11B1C	11	11		
D13S317	8	8		8	8		
D7S820	10	11		10	11	, BIGE	
D16S539	9	9		9	9		
VWA	17	17		17	17		
TH01	7	7		7	7		
AMEL	Х	Х		Х	Х		
TPOX	11	11		N11	11		
CSF1PO	11	11	UBIC	11	11		
D12S391	18	18				-51	
FGA	23	23				- IBIGE	
D2S1338	19	20					
D21S11	29	30					
D18S51	15	15					
D8S1179	11	15					
D3S1358	16	16		ENE			
D6S1043	13	19	- 1810				

PENTAE	GE 11	15			
D19S433	13	15.2			
PENTAD	9	13		ENE	
D1S1656	15	18.3	BIC		

4. Conclusion: The STR results of <u>PC-9-MTAC</u> cells are consistent with the genotypes of <u>PC-9</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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