(1) UBIGER

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

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1. Cell Name: GP2d

- 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: STR25031419			STR profile for Cell Bank cell		
				Cell name: GP2d		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12	JUBIC	11	12	
D13S317	8	12		8	12	
D7S820	9	11		9	11	IBIGE
D16S539	11	13		11	13	
VWA	17	18		17	18	
TH01	G 7	9.3		7	9.3	
AMEL	Х	Х		Х	Х	
ТРОХ	8	11	. C	8	11	
CSF1PO	9	12	JUBIL	9	12	
D12S391	19	22				-C
FGA	23	23				IBIGI
D2S1338	18	18				
D21S11	29	30				
D18S51	12	13				
D8S1179	10	12				

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D3S1358	15	16	18.0		
D6S1043	10	17			
PENTAE	7	10	. C	ENE	
D19S433	12	13	UBIC		
PENTAD	12	13			a E l
D1S1656	16	16.3			N IBIO

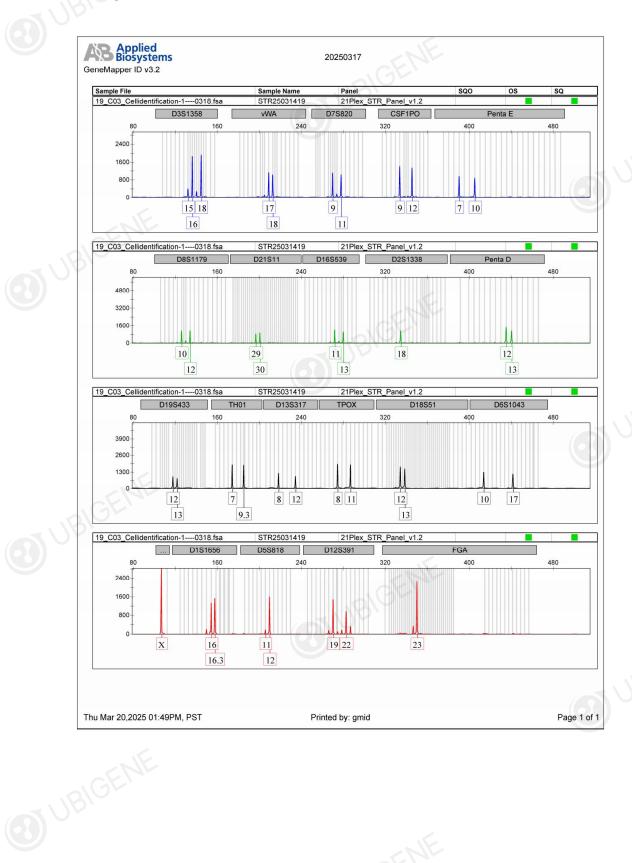
4. Conclusion: The STR results of <u>GP2d</u> cells are consistent with the genotypes of <u>GP2d</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>HPACC</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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