(1) UBIGER

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

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1. Cell Name: KGN

- 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	e analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: KGN			STR profile for Cell Bank cell Cell name: KGN			
	D5S818	13	13	JUBIC	13	13	
D13S317	9	9		9	9		
D7S820	11	11		11	11	- IBIGE	
D16S539	10	12		10	12		
VWA	17	17		17	17		
TH01	G 9	9		9	9		
AMEL	Х	Х		Х	Х		
TPOX	8	9	. C	8	9		
CSF1PO	10	12	UBIC	10	12		
D12S391	19	21				aE'	
FGA	25	26				NIBION	
D2S1338	25	25					
D21S11	30	32.2					
D18S51	12	14					
D8S1179	13	14					

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D3S1358	15	17			
D6S1043	13	20			
PENTAE	12	21	. C	ENE	
D19S433	13	15.2	UBIC	,	
PENTAD	10	13			a E l
D1S1656	15	17			* IBIO

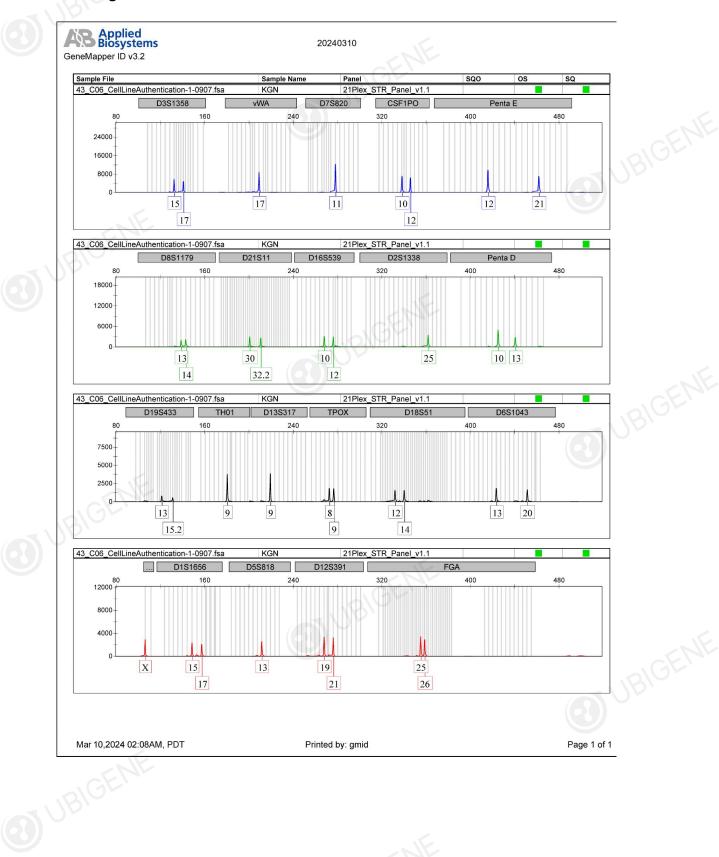
4. Conclusion: The STR results of <u>KGN</u> cells are consistent with the genotypes of <u>KGN</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>RCB1154</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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