(1) UBIGER

## STR Authentication Report For Cell Line

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1. Cell Name: RKO

- 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	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell  Cell name: RKO			STR profile for Cell Bank cell  Cell name: p53R [JHU-56]			
	D5S818	11	13	JUBIC	11	13	
D13S317	8	11		8	11		
D7S820	8	10		8	10	11810	
D16S539	13	13		12	13		
VWA	16	22		16	22		
TH01	6	10		6	10		
AMEL	Х	Х		Х	Х		
ТРОХ	11	11		11	11		
CSF1PO	8	10	UBIC	8	10		
D12S391	15	19	20.0			~E	
FGA	20	21	23.0			(1)BIO	
D2S1338	16	16					
D21S11	27	29	30.0				
D18S51	GE 11	12					
D8S1179	9	13	14.0				

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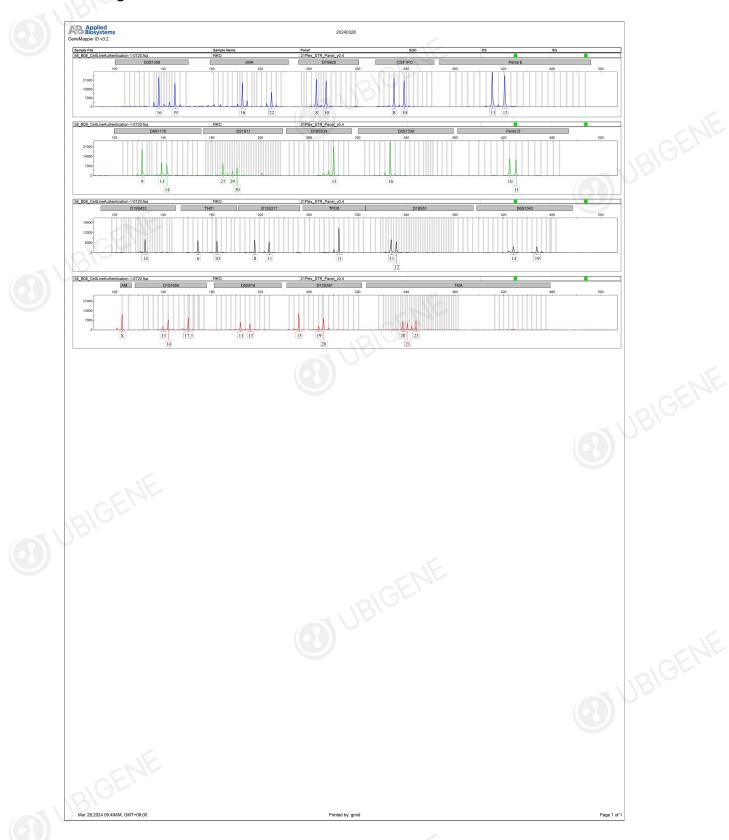
D3S1358	16	19			
D6S1043	14	19			
PENTAE	11	13	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	10	11			-E1
D1S1656	13	14	17.3		* I IBIO

4. Conclusion: The STR results of <u>RKO</u> cells are consistent with the genotypes of <u>RKO</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-2781</u>, and the STR results **basically matched**. In the test, **Multi allele was found** in this cell line.

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## 5. Attached Image



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Online Inquiry

3 UBIGENE