(1) UBIGER

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

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Online Inquiry

1. Cell Name: Ramos

- 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 results of STR and Amelogenin loci in cells								
.0	STR profile for Sample cell  Cell name: Ramos			STR profile for Cell Bank cell Cell name: RAMOS				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	7	12	JUBIC	7	12			
D13S317	13	13		13	14			
D7S820	11	11		11	11	IBIGE		
D16S539	10	13		10	13			
VWA	15	16		15	16			
TH01	G 7	9.3		7	9.3			
AMEL	Х	Х		Х	Х			
ТРОХ	8	9		8	9			
CSF1PO	10	11	NBIC	10	11			
D12S391	19	22						
FGA	20	24				IBIOL		
D2S1338	20	23			0			
D21S11	30	30						
D18S51	15	15						
D8S1179	13	16						

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					((0)	
D3S1358	14	15				
D6S1043	13	15				
PENTAE	8	21	. C	ENE		
D19S433	14	15.2	UBIC			
PENTAD	10	13				757
D1S1656	12	15.3				* 11BIO

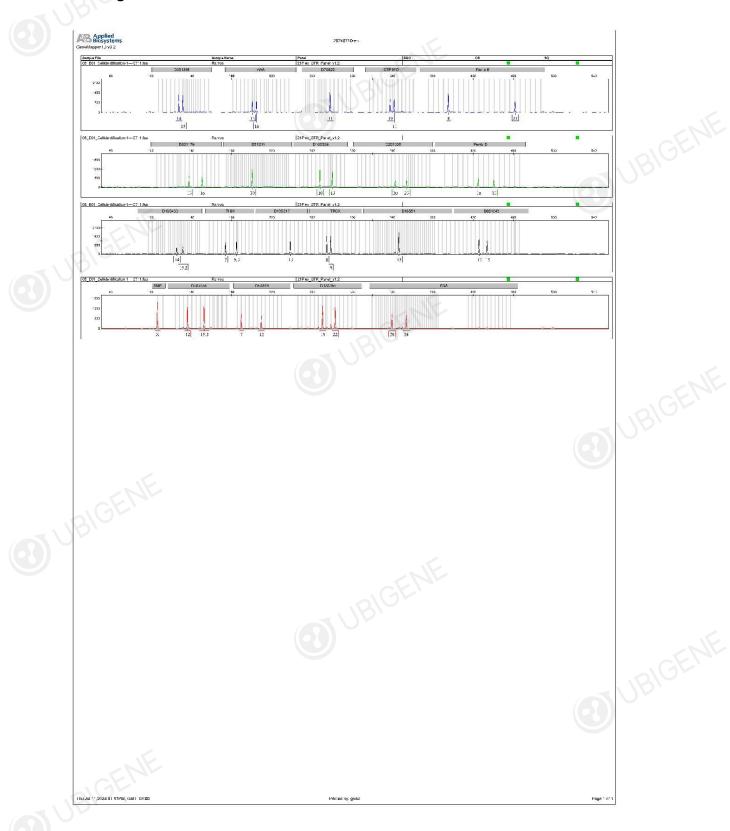
4. Conclusion: The STR results of <u>Ramos</u> cells are consistent with the genotypes of <u>Ramos</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-HPACC</u>, and the STR results <u>basically matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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