(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: MCF7

- 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. JUBIGEN
- 3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells								
STR Loci	STR profile for Sample cell Cell name: MCF7			STR profile for Cell Bank cell Cell name: MCF-7				
								Allele1
	D5S818	11	12	NBIC	11	12		
D13S317	11	11		11	11			
D7S820	8	9		8	9	IBIGE		
D16S539	11	12		11	12			
VWA	14	15		14	15			
TH01	6	6		6	6			
AMEL	Х	Х		Х	Х			
TPOX	9	12	. C	9	12			
CSF1PO	10	10	UBIC	10	10			
D12S391	18	20				aE'		
FGA	23	25				NBIGH		
D2S1338	21	23						
D21S11	30	30						
D18S51	14	14						
D8S1179	10	14						

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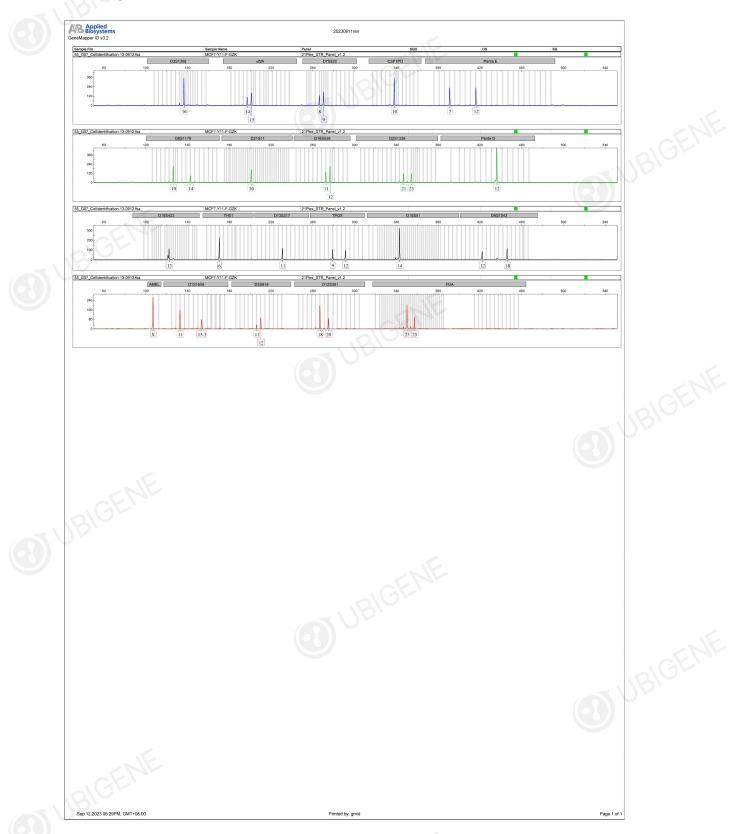
D3S1358	16	16			
D6S1043	12	18			
PENTAE	7	12	. C	ENE	
D19S433	13	13	UBIC		
PENTAD	12	12			-E1
D1S1656	11	15.3			* IBIO

4. Conclusion: The STR results of <u>MCF7</u> cells are consistent with the genotypes of <u>MCF7</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>115</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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Email: info@ubigene.com
Web: www.ubigene.us

Online Inquiry

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