STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: SK-CO-1

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.

	the ABI 3730 ene genotype						
				Amelogenin l	oci in cells	UBIO	
	Genotype analysis results of STR and STR profile for Sample cell			STR profile for Cell Bank cell			
STR Loci	Cell name: STR25031417			Cell name: SK-CO-1			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	9	11	-11810	9	11		
D13S317	14	14		14	14		
D7S820	8	10		8	10	IBIGE	
D16S539	13	13		13	13		
VWA	18	19		18	19		
TH01	8	9		8	9		
AMEL	Х	Y		Х	Y		
TPOX	8	11		8	11		
CSF1PO	13	13	JUBIC	13	13		
D12S391	18	18				-51	
FGA	20	20				- IBIGE	
D2S1338	17	21					
D21S11	28	30					
D18S51	19	19					
D8S1179	12	14					
D3S1358	17	18		ENE			
D6S1043	11	11	- 1810				

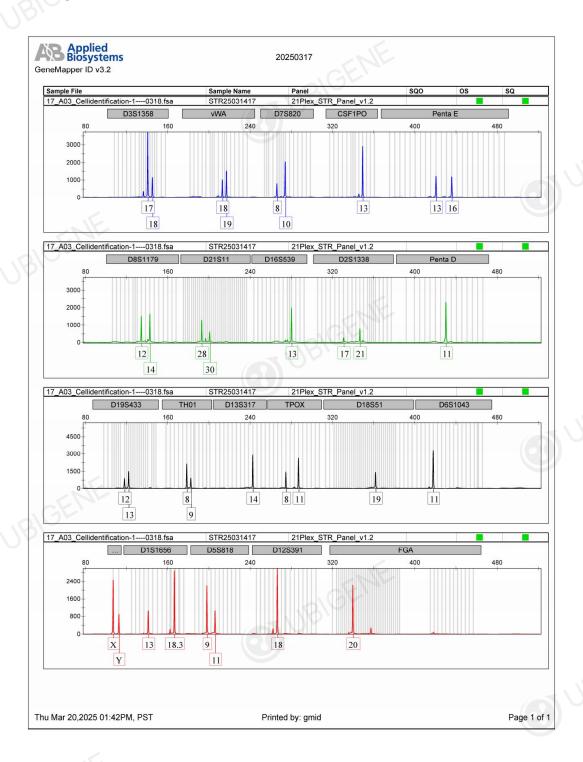
PENTAE	13	16			
D19S433	12	13			
PENTAD	11	11		ENE	
D1S1656	13	18.3	BIC		

4. Conclusion: The STR results of <u>SK-CO-1</u> cells are consistent with the genotypes of <u>SK-CO-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>HTB-39</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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