## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: SK-MEL-5

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						
3. Sample ge	ene genotype	analysis resi	ult:			JUBIGL	
	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25041106			Cell name: SK-MEL-5			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	13	- IBIC	11	13		
D13S317	10	12		10	12		
D7S820	9	12		9	12	, BIGE	
D16S539	10	12		10	12		
VWA	14	14		14	14		
TH01	6	9		6	9		
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	10	13	JUBIC	10	13		
D12S391	22	22				-51	
FGA	20.2	22				- IBIOF	
D2S1338	17	25					
D21S11	29	29					
D18S51	16	16					
D8S1179	12	15					
D3S1358	16	17		CNE			
D6S1043	18	18	-11810				

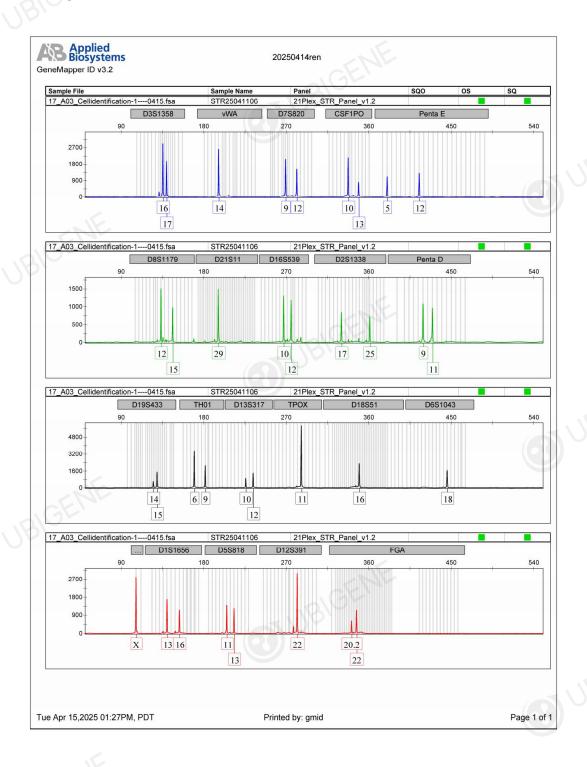
PENTAE	5	12			
D19S433	14	15			
PENTAD	9	11		ENE	
D1S1656	13	16	BIC		

4. Conclusion: The STR results of <u>SK-MEL-5</u> cells are consistent with the genotypes of <u>SK-MEL-5</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_0527</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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