STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: SK-MEL-28

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.

	Genotype	e analysis resu	ults of STR and	Amelogenin l	oci in cells)	
STR Loci	STR profile for Sample cell Cell name: STR25031410			STR profile for Cell Bank cell Cell name: SK-MEL-28			
	D5S818	13	13	- IBIC	13	13	
D13S317	11	12		11	12		
D7S820	10	11		9.3	10	IBIGE	
D16S539	9	12		9	12		
VWA	16	19		16	19		
TH01	G 7	7		7	7		
AMEL	Х	Y		Х	Υ		
TPOX	8	12	13.0	8	12		
CSF1PO	10	10	UBIC	10	10		
D12S391	15	19				-C'	
FGA	19	19				IBIO	
D2S1338	18	18			(1)		
D21S11	28	29					
D18S51	12	16					
D8S1179	13	13					
D3S1358	16	18		CNE			
D6S1043	18	18	1810				

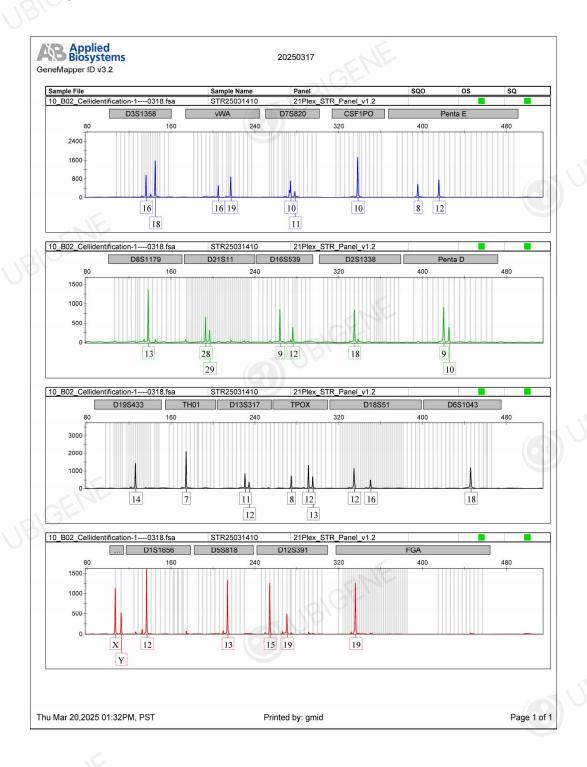
PENTAE	G 8	12			
D19S433	14	14			
PENTAD	9	10		ENE	
D1S1656	12	12	UBIC		

4. Conclusion: The STR results of <u>SK-MEL-28</u> cells are consistent with the genotypes of <u>SK-MEL-28</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_0526</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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