(1) UBIGER

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

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

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1. Cell Name: SK-MEL-2

- 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								
.0	STR profile for Sample cell Cell name: STR24103105			STR profile for Cell Bank cell Cell name: SK-MEL-2				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	12	13	JUBIC	12	13			
D13S317	11	11		11	11			
D7S820	11	12		11	12	IBIGE		
D16S539	8	9		8	9			
VWA	17	17		17	17			
TH01	9	9		9	9			
AMEL	Х	Υ		Х	Υ			
TPOX	8	9	. C	8	9			
CSF1PO	10	12	OI UBIC	10	12			
D12S391	18	18				~ C		
FGA	19	25				I IBIO		
D2S1338	21	23			(0)			
D21S11	29	30						
D18S51	15	16						
D8S1179	12	13						

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D3S1358	14	16			
D6S1043	11	18			
PENTAE	7	16		ENE	
D19S433	12	15	UBIC		
PENTAD	10	15			-E1
D1S1656	13	13			* I IBIO

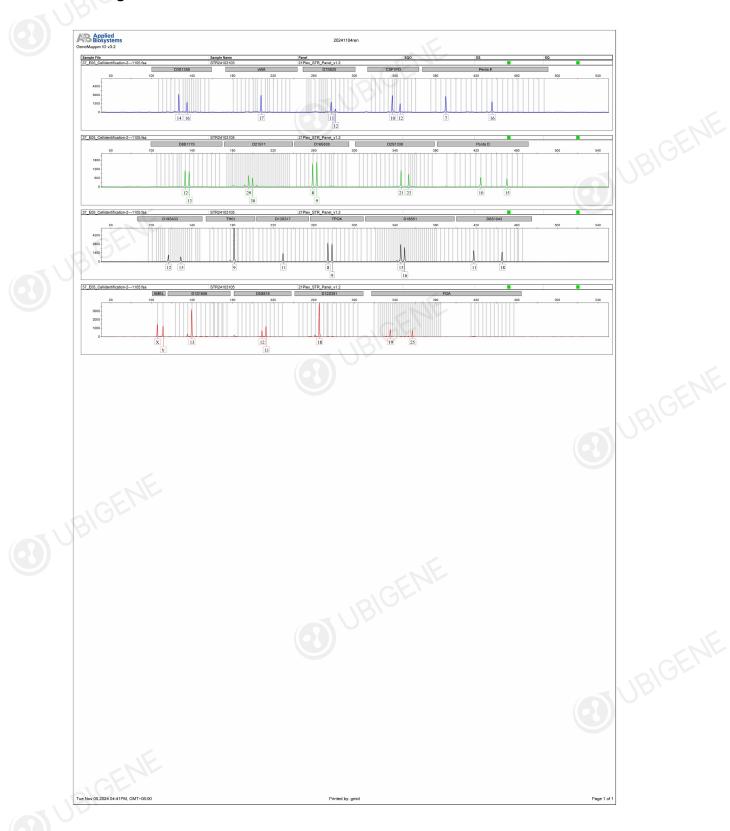
4. Conclusion: The STR results of <u>SK-MEL-2</u> cells are consistent with the genotypes of <u>SK-MEL-2</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_0069</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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