(1) UBIGER

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

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1. Cell Name: SK-HEP-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. JUBIGEN
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: SK-HEP-1			STR profile for Cell Bank cell Cell name: SK-HEP-1			
	D5S818	10	13	NIBIC	10	13	
D13S317	8	12		8	12		
D7S820	8	11		8	11	- IBIGE	
D16S539	12	12		12	12		
VWA	14	17		14	17		
TH01	G 7	9		7	9		
AMEL	Х	Х		Х	Х		
TPOX	9	9		9	9		
CSF1PO	11	12	UBIC	11	12		
D12S391	18	19				Œ!	
FGA	17	17				NIBION	
D2S1338	20	23					
D21S11	29	31					
D18S51	13	15					
D8S1179	13	14					

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D3S1358	15	16			
D6S1043	11	11			
PENTAE	13	21	. C	ENE	
D19S433	12	15.2	UBIC		
PENTAD	13	14			720
D1S1656	15	16	17.0		- IBIO

4. Conclusion: The STR results of <u>SK-HEP-1</u> cells are consistent with the genotypes of <u>SK-HEP-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>141</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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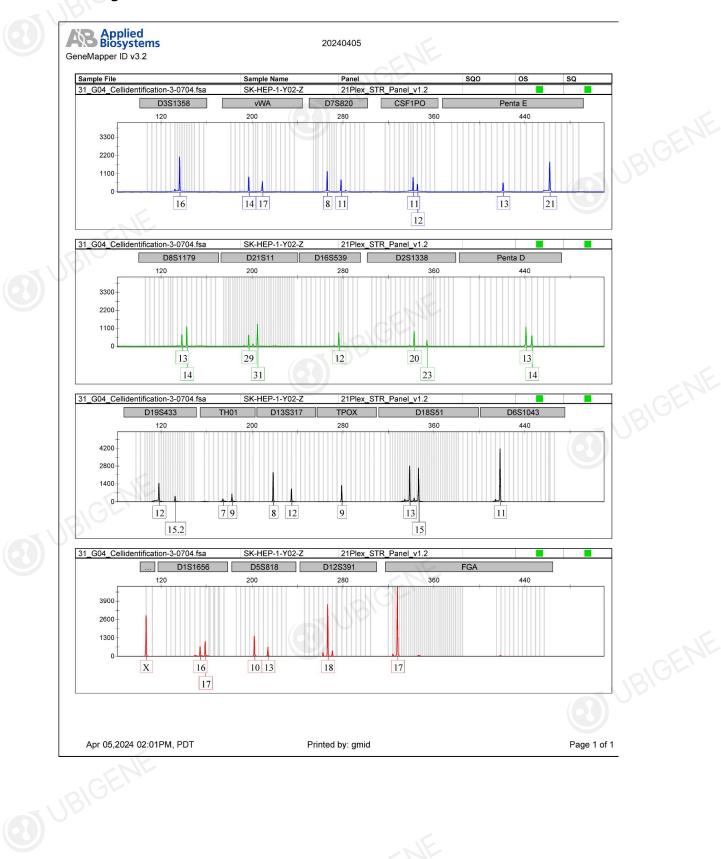
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5. Attached Image



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