(1) UBIGER

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

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1. Cell Name: SUM-149PT

- 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	e analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: SUM-149PT			STR profile for Cell Bank cell Cell name: SUM149PT			
	D5S818	11	11	NBIC	11	11	
D13S317	12	12		12	12	-61	
D7S820	11	11		11	11	- IBIGE	
D16S539	11	11		11	11		
VWA	16	18		16	18		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Х		Х	Х		
TPOX	9	9		9	9		
CSF1PO	12	12	UBIC	12	12		
D12S391	15	18				a E	
FGA	29	29				NIBIGE	
D2S1338	20	20			(2)		
D21S11	28	31.2					
D18S51	14	15					
D8S1179	14	16					

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D3S1358	17	17			
D6S1043	18	18			
PENTAE	11	11	. C	ENE	
D19S433	12	14	UBIC		
PENTAD	8	9			-E1
D1S1656	13	16.3			* IBIO

4. Conclusion: The STR results of <u>SUM-149PT</u> cells are consistent with the genotypes of <u>SUM149PT</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_3422</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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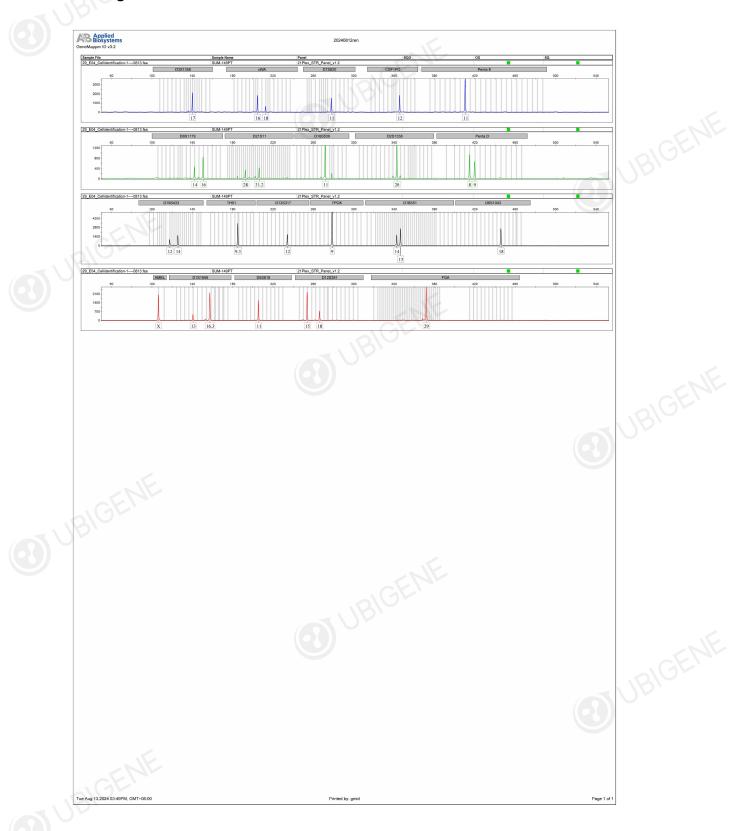
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5. Attached Image



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