(1) UBIGER

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

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1. Cell Name: SU-DHL-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: STR24091217			STR profile for Cell Bank cell  Cell name: SU-DHL-1			
	D5S818	11	12	NBIC	11	12	
D13S317	9	13		9	13		
D7S820	10	13		10	13	- IBIGE	
D16S539	11	11		11	12		
VWA	15	17		15	17		
TH01	6	7		6	7		
AMEL	Х	Y		Х	Y		
TPOX	8	8		8	8		
CSF1PO	12	12	UBIC	12	12		
D12S391	17	17				CE!	
FGA	21	21				* IJBIOL	
D2S1338	19	20	21.0		(2)		
D21S11	29	30					
D18S51	15	15					
D8S1179	11	11					

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D3S1358	15	16			
D6S1043	13	13			
PENTAE	11	15	. C	ENE	
D19S433	12	16	UBIC		
PENTAD	14	14			-E1
D1S1656	14	16	17.0		* I IBIO

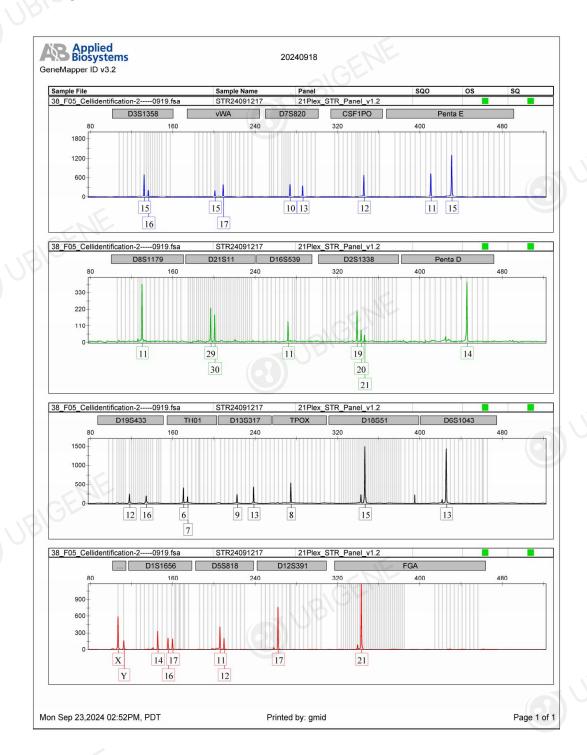
4. Conclusion: The STR results of <u>SU-DHL-1</u> cells are consistent with the genotypes of <u>SU-DHL-1</u> cell lines in <u>ATCC</u> database, the cell ID corresponded to <u>ACC-356</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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## 5. Attached Image



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