(1) UBIGER

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

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1. Cell Name: SU-DHL-8

- 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								
اه.	STR profile for Sample cell Cell name: SU-DHL-8			STR profile for Cell Bank cell				
STR Loci				Cell name: SU-DHL-8				
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	11	13	JUBIC	11	13			
D13S317	11	13		11	13			
D7S820	8	8		8	8	IBIGE		
D16S539	12	12		12	12			
VWA	15	19		15	19			
TH01	6	9		6	9			
AMEL	Х	Х		Х	Х			
ТРОХ	8	8	. C	8	8			
CSF1PO	11	12	OI UBIC	11	12			
D12S391	17	21				~ C		
FGA	25	25				IBIGE		
D2S1338	17	20			(1)			
D21S11	30	31.2						
D18S51	14	19						
D8S1179	13	13						

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D3S1358	14	15			
D6S1043	10	11			
PENTAE	14	17	. C	ENE	
D19S433	13	13	UBIC		
PENTAD	11	12			75
D1S1656	14	17.3			* IBIO

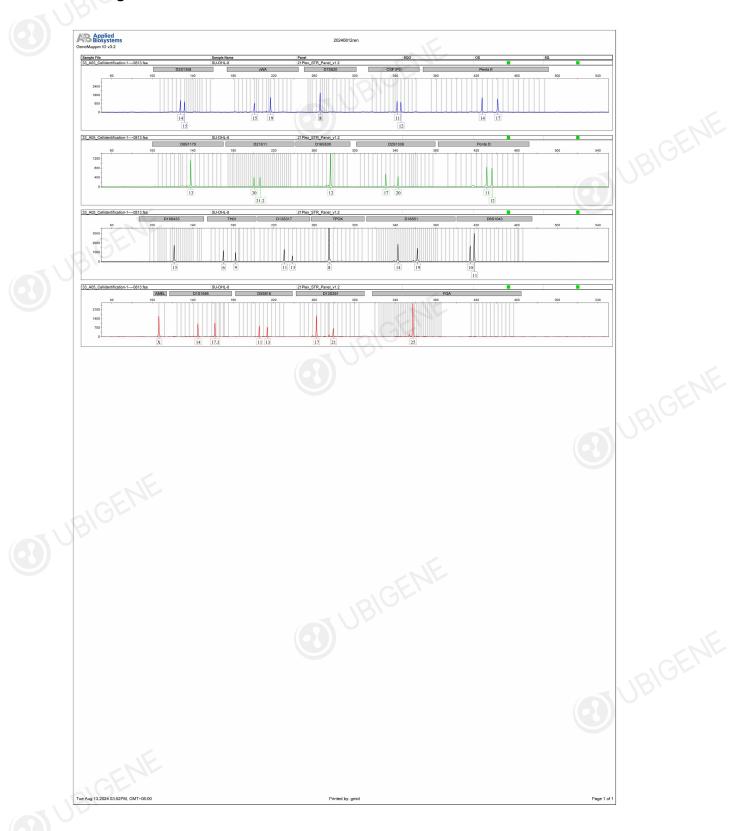
4. Conclusion: The STR results of <u>SU-DHL-8</u> cells are consistent with the genotypes of <u>SU-DHL-8</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-573</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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