(1) UBIGER

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

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1. Cell Name: CCRF/CEM

- 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: STR24103116			STR profile for Cell Bank cell		
				Cell name: CCRF-CEM		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	13	14.0	12	13	14.0
D13S317	11	11		11	11	
D7S820	9	13		9	13	, IBIGE
D16S539	10	13		10	13	
VWA	17	19		17	19	
TH01	6	7		6	7	
AMEL	Х	Х		Х	Х	
TPOX	8	8		8	8	
CSF1PO	11	11	UBIC	11	11	
D12S391	18	20	21.0			aE'
FGA	23	24				(1)BIO
D2S1338	24	24				
D21S11	30	33.2				
D18S51	13	17	18.0			
D8S1179	13	13				

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D3S1358	15	15			
D6S1043	11	13	14.0		
PENTAE	5	14	. C	ENE	
D19S433	14	14	UBIC	,	
PENTAD	11	11			~E\
D1S1656	16.3	18.3			* I IBIO

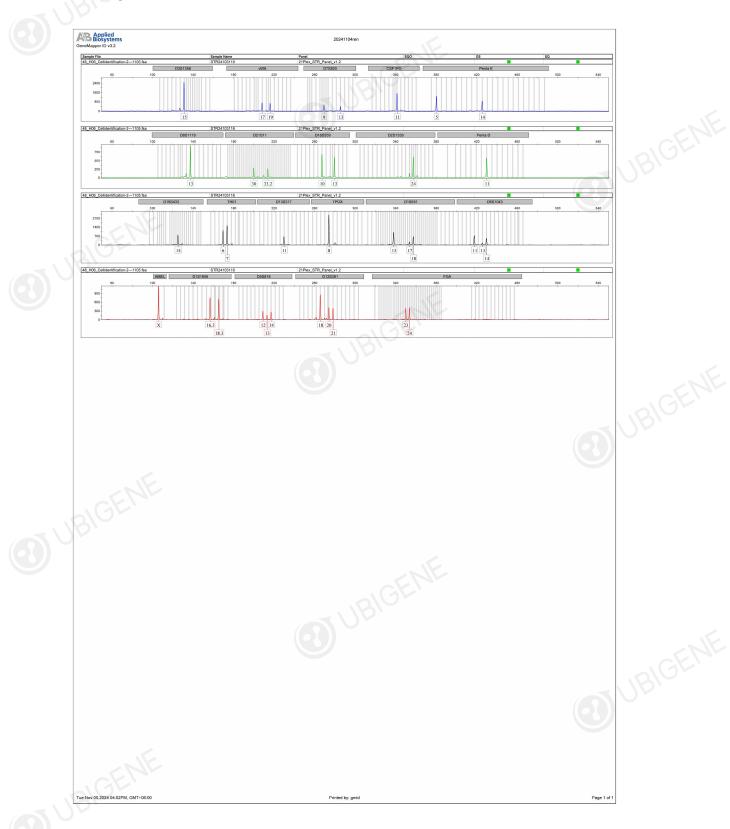
4. Conclusion: The STR results of <u>CCRF/CEM</u> cells are consistent with the genotypes of <u>CCRF/CEM</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CVCL_0207</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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