(1) UBIGER

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

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1. Cell Name: CL-11

- 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: STR25042504			STR profile for Cell Bank cell		
				Cell name: CL-11		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12	JUBIC	12	12	
D13S317	13	14		13	14	
D7S820	9	10		9	10	- IBIGE
D16S539	11	13		11	13	
VWA	16	17		16	17	
TH01	6	9		6	9	
AMEL	Х	Υ		Х	Υ	
TPOX	8	8	. 0	8	8	
CSF1PO	11	11	ON UBIC	11	11	
D12S391	18	20				~E'
FGA	22	23				NIBION
D2S1338	17	19				
D21S11	31	32.2				
D18S51	14	14				
D8S1179	14	14				

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D3S1358	15	16			
D6S1043	19	19			
PENTAE	10	11	. C	ENE	
D19S433	14	15.2	UBIC		
PENTAD	9	13			-E1
D1S1656	15.3	18.3			* I IBIO

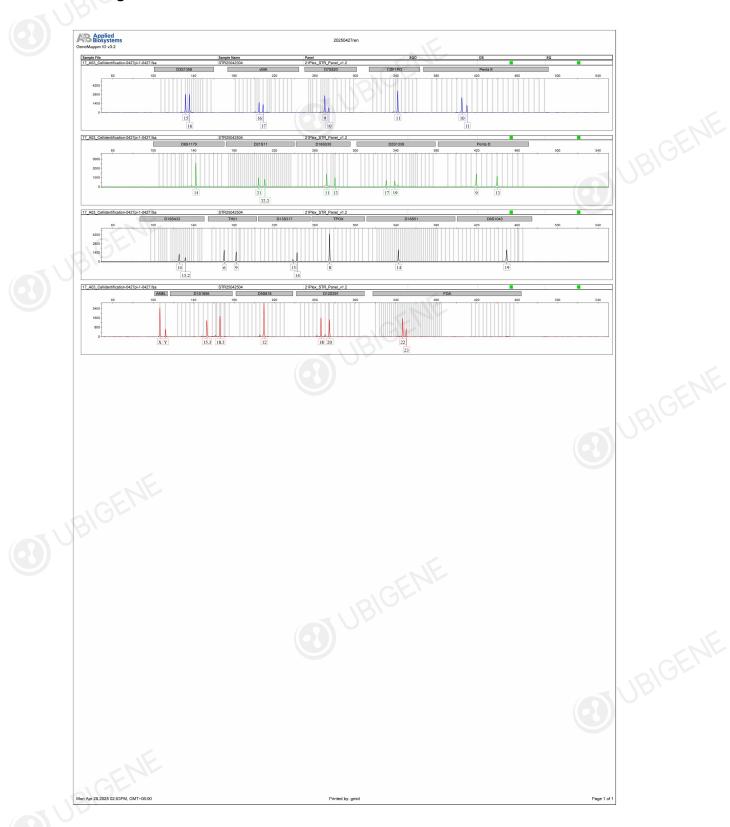
4. Conclusion: The STR results of <u>CL-11</u> cells are consistent with the genotypes of <u>CL-11</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_1978</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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