(1) UBIGER

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

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1. Cell Name: Calu-6

- 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.
- 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: STR24112715			STR profile for Cell Bank cell		
				Cell name: Calu-6		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11	NBIC	11	11	
D13S317	11	11		11	11	
D7S820	10	10		10	10	- IBIGE
D16S539	13	13		13	13	
VWA	17	17		17	17	
TH01	9	9		9	9	
AMEL	Х	Х		Х	Х	
TPOX	8	8	. C	8	8	
CSF1PO	12	12	ON UBIC	12	12	
D12S391	24	24				aE'
FGA	22	22				NIBION
D2S1338	17	26				
D21S11	31	31				
D18S51	12	16				
D8S1179	10	14				

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D3S1358	16	16			
D6S1043	13	19			
PENTAE	5	14	. C	ENE	
D19S433	13	13	UBIC		
PENTAD	13	13			-E1
D1S1656	18.3	18.3			* IBIO

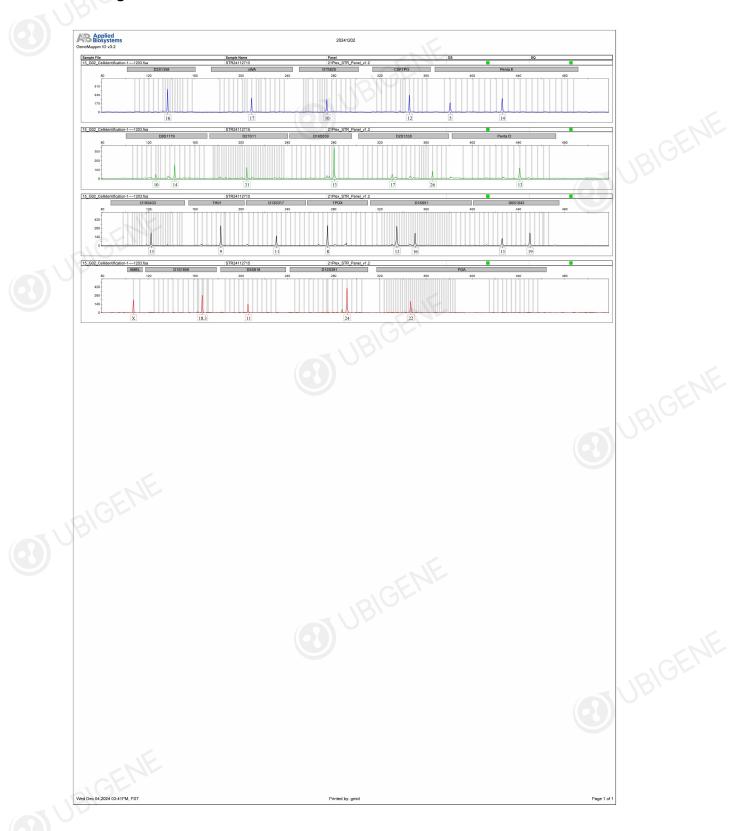
4. Conclusion: The STR results of <u>Calu-6</u> cells are consistent with the genotypes of <u>Calu-6</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-734</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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