(1) UBIGER

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

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Online Inquiry

1. Cell Name: CAL-27

- 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								
STR Loci	STR profile for Sample cell Cell name: Cal-27			STR profile for Cell Bank cell Cell name: CAL-27				
								Allele1
	D5S818	11	12	UBIC	11	12		
D13S317	10	11		10	11			
D7S820	10	10		10	10	- IBIGE		
D16S539	11	12		11	12			
VWA	14	17		14	17			
TH01	6	9.3		6	9.3			
AMEL	Х	Х		Х	Х			
TPOX	8	8		8	8			
CSF1PO	10	12	UBIC	10	12			
D12S391	19	20				Œ!		
FGA	25	25				* I IBIO		
D2S1338	23	24			(2)			
D21S11	28	29						
D18S51	13	13						
D8S1179	13	15						

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D3S1358	16	16			
D6S1043	12	12			
PENTAE	7	7	. C	ENE	
D19S433	14	15.2	UBIC		
PENTAD	9	10			~E\
D1S1656	13	16			* I IBIOL

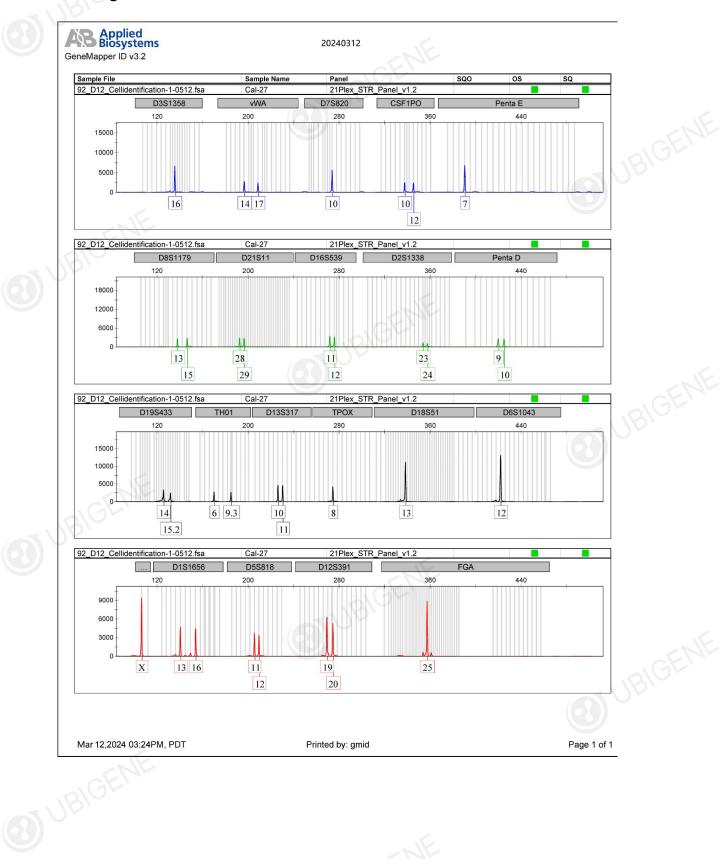
4. Conclusion: The STR results of <u>CAL-27</u> cells are consistent with the genotypes of <u>CAL-27</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>446</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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