(1) UBIGER

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

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1. Cell Name: CAL-62

- 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	e analysis resu	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25031402			STR profile for Cell Bank cell Cell name: CAL-62			
	D5S818	9	12	NBIC	9	12	
D13S317	12	12		12	12		
D7S820	10	10		10	10	- IBIGE	
D16S539	12	13		12	13		
VWA	16	16		16	16		
TH01	G 7	9		7	9		
AMEL	Х	Х		Х	Х		
TPOX	8	9		8	9		
CSF1PO	9	12	UBIC	9	12		
D12S391	22	22				CE!	
FGA	19	19				* I IBIO	
D2S1338	19	23					
D21S11	32.2	32.2					
D18S51	16	16					
D8S1179	13	13					

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D3S1358	16	16			
D6S1043	12	12			
PENTAE	5	10	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	13	13			-E1
D1S1656	17.3	17.3			* IBIO

4. Conclusion: The STR results of <u>CAL-62</u> cells are consistent with the genotypes of <u>CAL-62</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-448</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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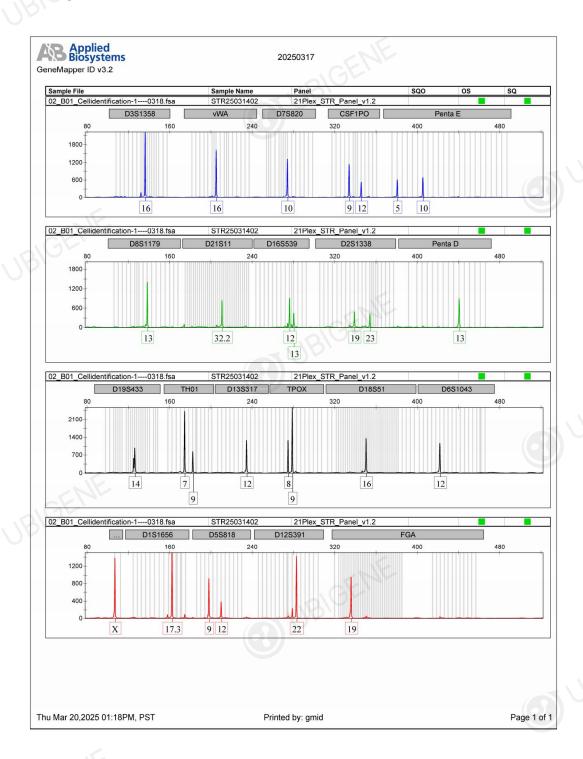
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## 5. Attached Image



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