(1) UBIGER

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

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Online Inquiry

1. Cell Name: ChaGo-K-1

- 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: STR25031408			STR profile for Cell Bank cell Cell name: ChaGo-K-1				
								Allele1
	D5S818	12	12	JUBIC	12	12		
D13S317	11	11		11	11			
D7S820	8	12		8	12	- IBIGE		
D16S539	11	11		11	11			
VWA	17	18		17	18			
TH01	9.3	9.3		9.3	9.3			
AMEL	Х	Y		Х	Υ			
TPOX	8	8	. C	8	8			
CSF1PO	10	10	UBIC	10	10			
D12S391	18	20				aE'		
FGA	23	23				BIGH		
D2S1338	20	23			(0)			
D21S11	31.2	32						
D18S51	13	20						
D8S1179	11	12						

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D3S1358	16	16			
D6S1043	11	12			
PENTAE	11	12	. C	ENE	
D19S433	14	14.2	UBIC	,	
PENTAD	9	13			-51
D1S1656	16	17.3			- IBIG

4. Conclusion: The STR results of <u>ChaGo-K-1</u> cells are consistent with the genotypes of <u>ChaGo-K-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>HTB-168</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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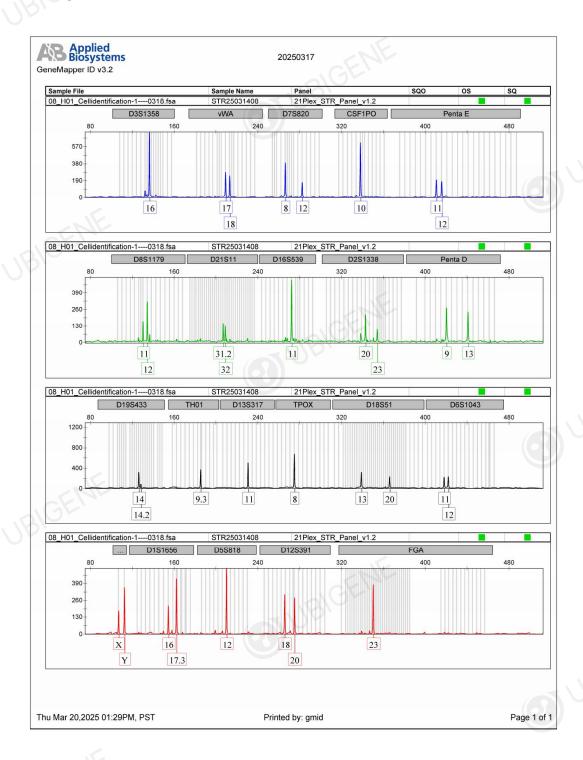
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5. Attached Image



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