## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

- 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.
- 3. Sample gene genotype analysis result:

	Genotype	analysis res	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell  Cell name: STR25031408			STR profile for Cell Bank cell Cell name: ChaGo-K-1			
	D5S818	12	12	- IBIC	12	12	
D13S317	11	11		11	11	7.	
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		8	8		
CSF1PO	10	10	JUBIC	10	10		
D12S391	18	20				72-	
FGA	23	23				- IBIGE	
D2S1338	20	23					
D21S11	31.2	32					
D18S51	13	20					
D8S1179	11	12					
D3S1358	16	16		CNE			
D6S1043	11	12	-11BIC				



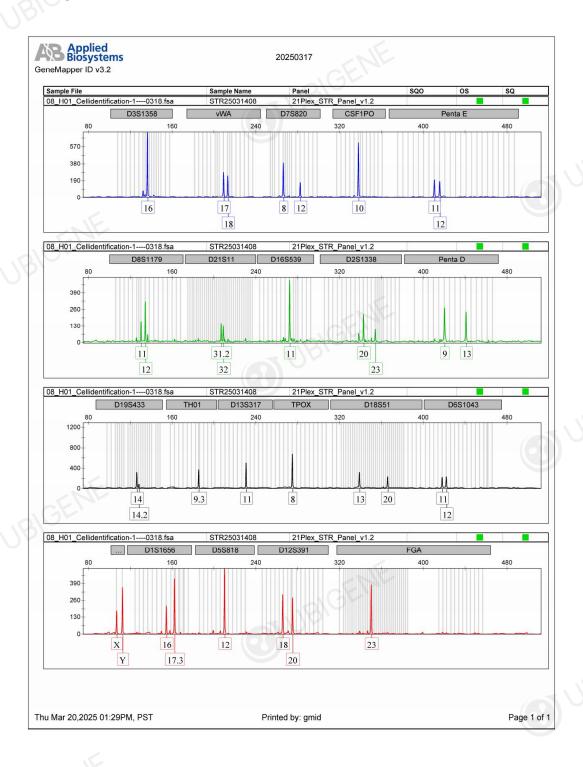
PENTAE	GE 11	12			
D19S433	14	14.2			
PENTAD	9	13		ENE	
D1S1656	16	17.3	BIC		

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.

+86 153 6067 3248 | US Toll free: 855 777 3210 | EU Toll free: 800 3272 9252 | Korea Toll free: 001 800 3272 9252

3) UBIGENE

## 5. Attached Image



(3) UBIGENE