## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: HSC3

- 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:

	the ABI 3730 ene genotype						
	Genotype	analysis resu	ults of STR and	Amelogenin l	oci in cells	Op.	
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: HSC-3			Cell name: HSC-3			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	13	- IBIC	11	13		
D13S317	12	12		12	12		
D7S820	13	13		13	13	1 BIGE	
D16S539	9	9		9	9		
VWA	14	17		14	17		
TH01	6	9.3		6	9.3		
AMEL	Х	Y		Х	Y		
TPOX	8	8		8	8		
CSF1PO	11	11	UBIC	11	11		
D12S391	18	18				730	
FGA	22	26				- IBIO	
D2S1338	19	23			(2		
D21S11	30	31.2					
D18S51	15	15					
D8S1179	12	12					
D3S1358	17	17		CNE			
D6S1043	13	19	- 1810				

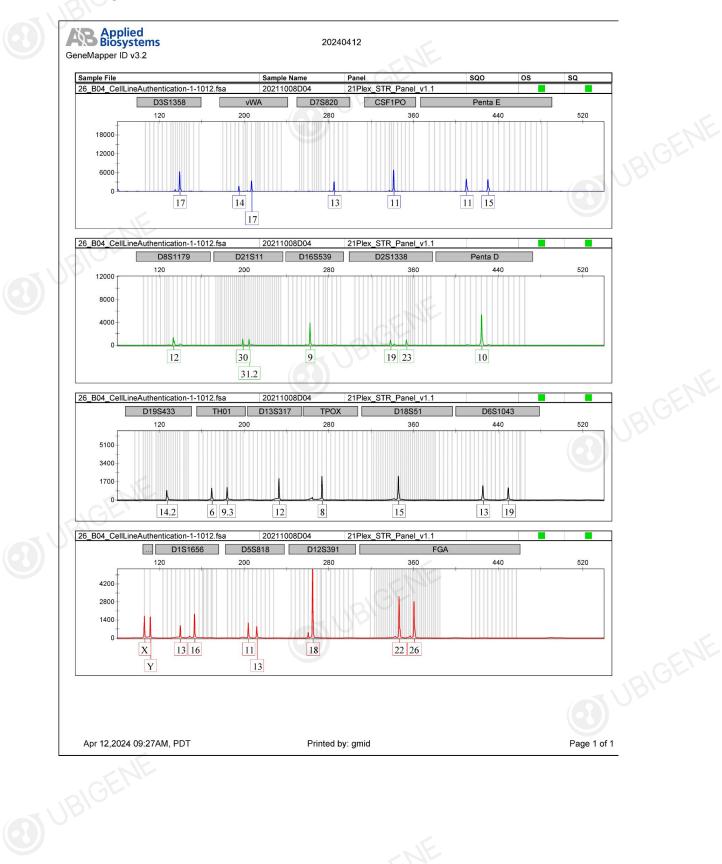
PENTAE	GE 11	15			
D19S433	14.2	14.2			
PENTAD	10	10		ENE	
D1S1656	13	16	JUBIC		

4. Conclusion: The STR results of <u>HSC3</u> cells are consistent with the genotypes of <u>HSC3</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>JCRB0623</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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