STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: HSC3

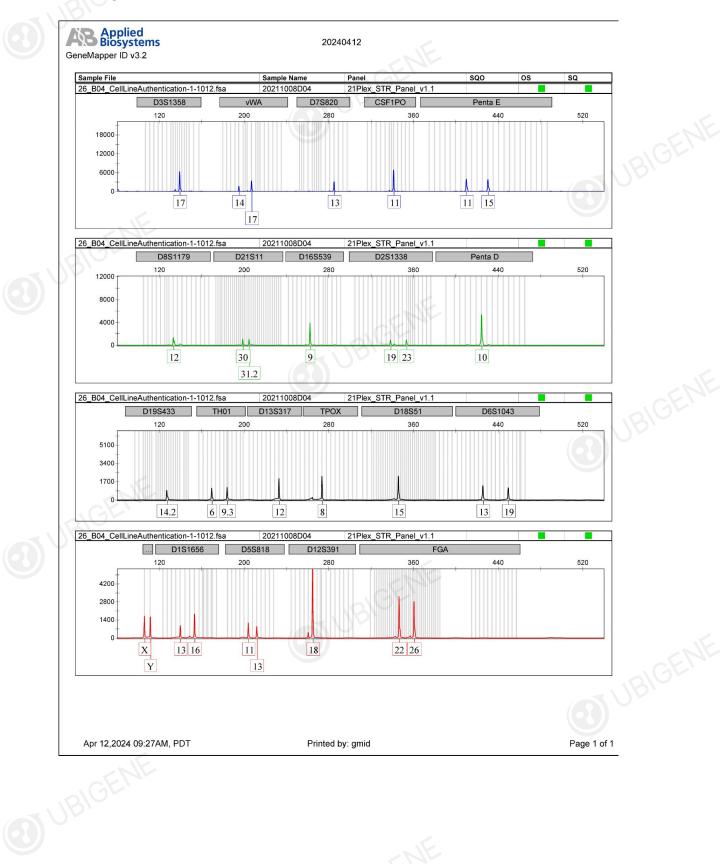
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	lts of STR and	Amelogenin l	oci in cells	
	STR profile for Sample cell Cell name: HSC-3			STR profile for Cell Bank cell Cell name: HSC-3		
STR Loci						
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13	- IBIC	11	13	
D13S317	12	12		12	12	
D7S820	13	13		13	13	, IBIGI
D16S539	9	9		9	9	
VWA	14	17		14	17	
TH01	6	9.3		6	9.3	
AMEL	Х	Y		Х	Υ	
TPOX	8	8		8	8	
CSF1PO	11	11	- IBIC	11	11	

Note: The above figure shows the comparison results of nine genotype loci for detecting cells and cells from the cell bank.

4. Conclusion: The STR results of HSC3 cells are consistent with the genotypes of HSC3 cell lines in **DSMZ** database, the cell ID corresponded to **JCRB0623**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image



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