## STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: MS751

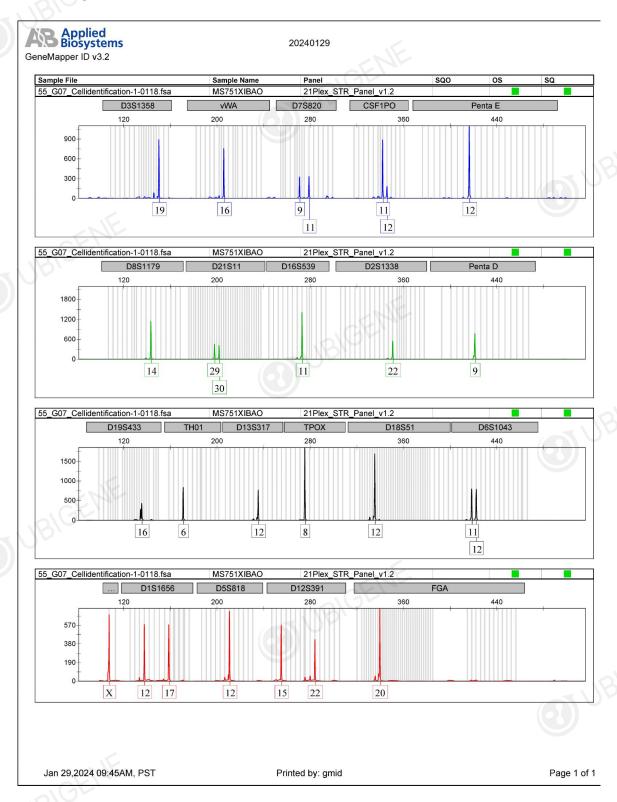
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	lts of STR and	Amelogenin l	oci in cells	
	STR profile for Sample cell  Cell name: MS751			STR profile for Cell Bank cell Cell name: MS751		
STR Loci						
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12	- IBIC	12	12	
D13S317	12	12		12	12	
D7S820	9	11		9	11	IBIGI
D16S539	11	11		11	11	
VWA	16	16		16	16	
TH01	6	6		6	6	
AMEL	Х	Х		Х	Х	
TPOX	8	8		8	8	
CSF1PO	11	12	- 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 MS751 cells are consistent with the genotypes of MS751 cell lines in **DSMZ** database, the cell ID corresponded to **HTB-34**, and the STR results basically matched. In the test, No multi allele was found in this cell line.

## 5. Attached Image



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