## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: 5637

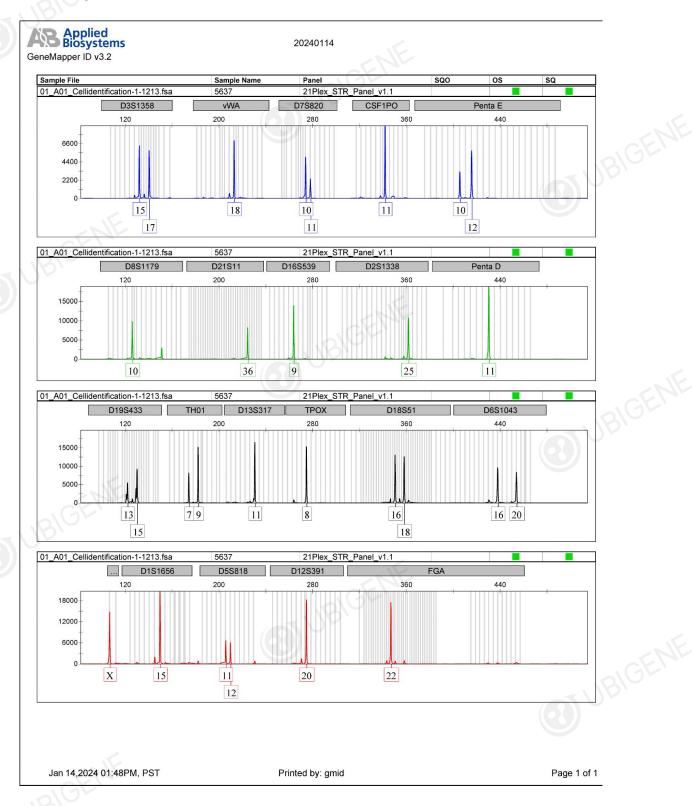
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells	
	STR profile for Sample cell  Cell name: 5637			STR profile for Cell Bank cell Cell name: 5637		
STR Loci						
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12	- IBIC	11	12	
D13S317	11	11		11	11	
D7S820	10	11		10	11	, IBIGT
D16S539	9	9		9	9	
VWA	18	18		18	18	
TH01	GF7	9		7	9	
AMEL	Х	Х		Х	Y	
TPOX	8	8		8	9	
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 <u>5637</u> cells are consistent with the genotypes of <u>5637</u> cell lines in **DSMZ** database, the cell ID corresponded to **35**, and the STR results **basically** matched. In the test, No multi allele was found in this cell line.

## 5. Attached Image



(1) UBIGENE