STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: BT-549

- 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:

		XL Genetic A analysis resu					
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: BT-549-Y01-Z-GZK			Cell name: BT-549			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	- IBIC	11	11		
D13S317	11	11		11	11		
D7S820	9	10		9	10	, IBIGE	
D16S539	8	8		8	8		
VWA	15	15		15	15		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	8		8	8		
CSF1PO	10	12	UBIC	10	12		
D12S391	20	20				-51	
FGA	19	19				- IBIGE	
D2S1338	17	17					
D21S11	32.2	32.2					
D18S51	15	15					
D8S1179	14	16					
D3S1358	18	18		CNE			
D6S1043	11	11	11810				

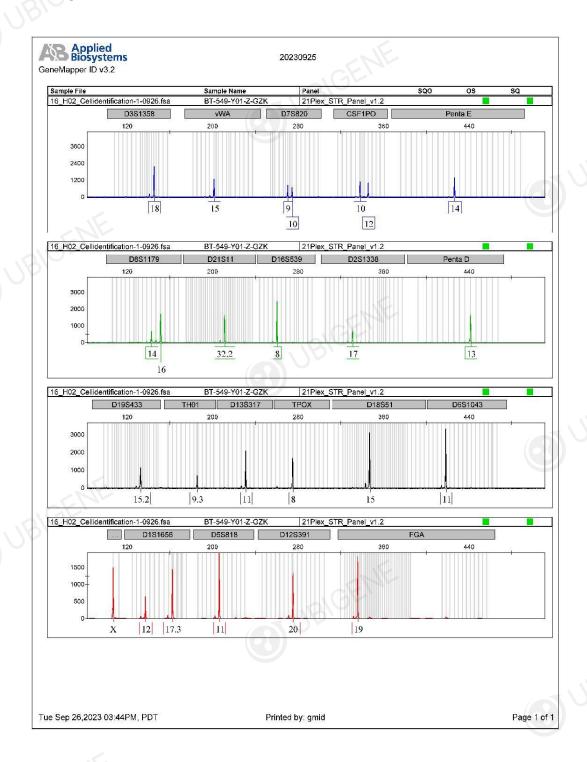
PENTAE	14	14			(6)	
D19S433	15.2	15.2				
PENTAD	13	13		ENE		
D1S1656	12	17.3	NBIC			

4. Conclusion: The STR results of <u>BT-549</u> cells are consistent with the genotypes of <u>BT-549</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>HTB-122</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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