STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: BT-B

- 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 results of STR and Amelogenin loci in cells STR profile for Sample cell STR profile for Cell B STR profile for Cell B STR profile for Cell B Cell name: BT- Allele1 Allele2 Allele3 Allele1 Allele2 D5S818 11 12 11 12 D13S317 13.3 13.3 13.3 13.3 D7S820 8 12 8 12 D16S539 9 10 9 10 VWA 16 18 16 18 TH01 7 7 7 7 AMEL X X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25	 В
Cell name: STR25031413 Cell name: BT-Allele1 Allele1 Allele2 Allele3 Allele1 Allele2 D5S818 11 12 11 12 D13S317 13.3 13.3 13.3 13.3 D7S820 8 12 8 12 D16S539 9 10 9 10 VWA 16 18 16 18 TH01 7 7 7 7 AMEL X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25	 В
Allele1 Allele2 Allele3 Allele1 Allele2 D5S818 11 12 11 12 D13S317 13.3 13.3 13.3 13.3 D7S820 8 12 8 12 D16S539 9 10 9 10 VWA 16 18 16 18 TH01 7 7 7 7 AMEL X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25	
D5S818 11 12 11 12 D13S317 13.3 13.3 13.3 13.3 D7S820 8 12 8 12 D16S539 9 10 9 10 VWA 16 18 16 18 TH01 7 7 7 7 AMEL X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25	Allala2
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D7S820 8 12 8 12 D16S539 9 10 9 10 VWA 16 18 16 18 TH01 7 7 7 7 AMEL X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25	
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TH01 7 7 7 AMEL X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25 - -	
AMEL X X X X TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25 25	
TPOX 8 12 8 12 CSF1PO 9 10 9 10 D12S391 20 25 25	
CSF1PO 9 10 9 10 D12S391 20 25	
D12S391 20 25	
FGA 18 21	
	-11810r
D2S1338 17 17	
D21S11 27 28	
D18S51 16 16	
D8S1179 12 13	
D3S1358 15 18	
D6S1043 18 18	



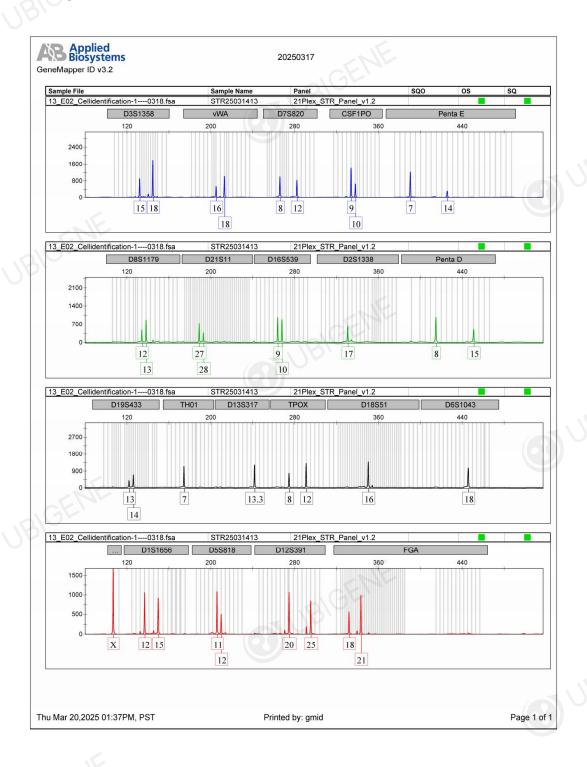
PENTAE	GE 7	14			
D19S433	13	14			
PENTAD	8	15		ENE	
D1S1656	12	15	UBIC		

4. Conclusion: The STR results of <u>BT-B</u> cells are consistent with the genotypes of <u>BT-B</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-227</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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