

STR Authentication Report For Cell Line

1. Cell Name: BFTC-905

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 Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: STR25032001			Cell name: BFTC-905		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	11	11		11	11	
D7S820	12	12		9	12	
D16S539	12	12		12	12	
VWA	14	17		14	17	
TH01	7	8		7	8	
AMEL	X	X		X	X	
TPOX	8	9		8	9	
CSF1PO	12	12		12	12	
D12S391	19	20				
FGA	22	22				
D2S1338	18	23				
D21S11	30	30				
D18S51	16	16				
D8S1179	13	15				

D3S1358	16	16				
D6S1043	18	19				
PENTAE	11	11				
D19S433	14	14				
PENTAD	9	9				
D1S1656	16	16				

4. Conclusion: The STR results of **BFTC-905** cells are consistent with the genotypes of **BFTC-905** cell lines in **DSMZ** database, the cell ID corresponded to **ACC-361** , and the STR results **basically matched**. In the test, **Multi allele was found** in this cell line.

5. Attached Image

