

STR Authentication Report For Cell Line

1. Cell Name: hFOB 1.19

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: STR25032708			Cell name: hFOB-1.19		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	11	12		11	12	
D7S820	8	10		8	10	
D16S539	9	13		9	13	
VWA	16	18		16	18	
TH01	7	9.3		7	9.3	
AMEL	X	X		X	X	
TPOX	11	11		11	11	
CSF1PO	10	13		10	13	
D12S391	20	23				
FGA	19	22				
D2S1338	23	24				
D21S11	29	32.2				
D18S51	10	17				
D8S1179	10	14				
D3S1358	17	18				
D6S1043	13	16				

PENTAE	8	11				
D19S433	13	15				
PENTAD	9	13				
D1S1656	16	16.3				

4. Conclusion: The STR results of **hFOB 1.19** cells are consistent with the genotypes of **hFOB 1.19** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-11372**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

