

STR Authentication Report For Cell Line

1. Cell Name: Farage

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: STR25041116			Cell name: Farage		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	11	13		13	11	
D7S820	12	12		12	12	
D16S539	11	12		12	11	
VWA	14	15		15	14	
TH01	8	9		9	8	
AMEL	X	X		X	X	
TPOX	9	9		9	9	
CSF1PO	11	12		12	11	
D12S391	20	22				
FGA	20	23				
D2S1338	24	25				
D21S11	29	29				
D18S51	12	13				
D8S1179	12	12				

D3S1358	14	18				
D6S1043	13	18				
PENTAE	7	18				
D19S433	14	14				
PENTAD	9	12				
D1S1656	15.3	16				

4. Conclusion: The STR results of **Farage** cells are consistent with the genotypes of **Farage** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2630** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

