

STR Authentication Report For Cell Line

1. Cell Name: U-2932

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: U2932			Cell name: U-2932		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	11	11		11	11	
D7S820	9	13		9	13	
D16S539	12	12		12	12	
VWA	14	17		14	17	
TH01	9.3	9.3		9.3	9.3	
AMEL	X	X		X	X	
TPOX	11	12		11	12	
CSF1PO	10	12		10	12	
D12S391	18	20				
FGA	22	24				
D2S1338	22	23				
D21S11	28	30				
D18S51	15	15				
D8S1179	13	14				

D3S1358	15	16				
D6S1043	18	18				
PENTAE	13	14				
D19S433	14	14				
PENTAD	14	14				
D1S1656	16	16.3				

4. Conclusion: The STR results of **U-2932** cells are consistent with the genotypes of **U-2932** cell lines in **DSMZ** database, the cell ID corresponded to **633** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

