

STR Authentication Report For Cell Line

1. Cell Name: RL95-2

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: STR25012001			Cell name: RL95-2		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	11		10	11	
D13S317	8	12		8	12	
D7S820	10	10		10	10	
D16S539	11	13		11	13	
VWA	16	20		16	20	
TH01	9	9.3		9	9.3	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	10	11		10	11	
D12S391	15	20	21.0			
FGA	20	22				
D2S1338	22	23				
D21S11	28	29				
D18S51	10	14				
D8S1179	10	14				

D3S1358	14	16				
D6S1043	19	19				
PENTAE	5	11				
D19S433	15	15				
PENTAD	9	9				
D1S1656	13	19.3				

4. Conclusion: The STR results of **RL95-2** cells are consistent with the genotypes of **RL95-2** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-1671** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

