

STR Authentication Report For Cell Line

1. Cell Name: SNU-1

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: STR25030718			Cell name: SNU-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	13		12	13	
D13S317	11	14		11	14	
D7S820	9	12		9	12	
D16S539	9	12		9	12	
VWA	14	14		14	14	
TH01	8	9.3		8	9.3	
AMEL	X	Y		X	Y	
TPOX	8	10		8	10	
CSF1PO	12	13		12	13	
D12S391	17	17				
FGA	22	23				
D2S1338	23	24				
D21S11	29	32.2				
D18S51	14	22				
D8S1179	13	14				

D3S1358	16	16				
D6S1043	12	15				
PENTAE	11	14				
D19S433	13	14.2				
PENTAD	10	11				
D1S1656	17.3	18.3				

4. Conclusion: The STR results of **SNU-1** cells are consistent with the genotypes of **SNU-1** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-5971** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

