

## STR Authentication Report For Cell Line

1. Cell Name: SNU-182

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: STR25032712			Cell name: SNU-182		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	11	14		11	14	
D7S820	11	11		11	11	
D16S539	11	13		11	13	
VWA	17	17		17	17	
TH01	9	9		9	9	
AMEL	X	Y		X	Y	
TPOX	8	11		8	11	
CSF1PO	10	12		10	12	
D12S391	20	20				
FGA	22	24				
D2S1338	18	18				
D21S11	29	34.2				
D18S51	16	16				
D8S1179	10	10				

D3S1358	16	18				
D6S1043	14	14				
PENTAE	20	20				
D19S433	13	14				
PENTAD	9	9				
D1S1656	15	15				

4. Conclusion: The STR results of **SNU-182** cells are consistent with the genotypes of **SNU-182** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2235** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

