

## STR Authentication Report For Cell Line

1. Cell Name: SNU-216

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: STR24122004			Cell name: SNU-216		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11		11	11	
D13S317	9	9		9	9	
D7S820	8	10		8	10	
D16S539	10	13		10	13	
VWA	14	20		14	20	
TH01	7	7		7	7	
AMEL	X	X		X	X	
TPOX	9	9		9	9	
CSF1PO	12	12		12	12	
D12S391	18	18				
FGA	21	21				
D2S1338	19	19				
D21S11	30	33.2				
D18S51	16	16				
D8S1179	13	16				
D3S1358	17	17				
D6S1043	18	18				

PENTAE	5	5				
D19S433	15.2	15.2				
PENTAD	9	13				
D1S1656	16	16				

4. Conclusion: The STR results of **SNU-216** cells are consistent with the genotypes of **SNU-216** cell lines in **DSMZ** database, the cell ID corresponded to **KCLB-Korea-216**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

