

STR Authentication Report For Cell Line

1. Cell Name: SNU-387

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: SNU-387			Cell name: SNU-387		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	12	12		12	12	
D7S820	8	10		8	10	
D16S539	9	9		9	9	
VWA	14	16		14	16	
TH01	7	7		7	7	
AMEL	X	X		X	X	
TPOX	8	9		8	9	
CSF1PO	13	14		13	14	
D12S391	18	19				
FGA	22	22				
D2S1338	17	23				
D21S11	31	31				
D18S51	14	14				
D8S1179	13	14				

D3S1358	16	16				
D6S1043	17	18				
PENTAE	16	16				
D19S433	14	14				
PENTAD	8	8				
D1S1656	15	15				

4. Conclusion: The STR results of **SNU-387** cells are consistent with the genotypes of **SNU-387** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2237** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image



