Online Inquiry

STR Authentication Report For Cell Line

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1. Cell Name: SNU-719

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: STR25032008			Cell name: SNU-719		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	10	11		10	11	
D7S820	10	11		10	11	
D16S539	9	10		9	10	
VWA	16	18		16	18	
TH01	7	9		7	9	
AMEL	X	Y		X	Y	
TPOX	8	9		8	9	
CSF1PO	12	12		12	12	
D12S391	15	19				
FGA	21	23				
D2S1338	19	19				
D21S11	29	30				
D18S51	13	15				
D8S1179	12	12				

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D3S1358	15	15				
D6S1043	14	19				
PENTAE	11	16				
D19S433	14	15				
PENTAD	10	11				
D1S1656	12	15				

4. Conclusion: The STR results of **SNU-719** cells are consistent with the genotypes of **SNU-719** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_5086** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

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