Online Inquiry

STR Authentication Report For Cell Line

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1. Cell Name: C643

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 profile for Sample cell			STR profile for Cell Bank cell		
STR Loci	Cell name: STR25031401			Cell name: C-643		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	8	10		8	10	
D7S820	9	12		9	12	
D16S539	9	13		9	13	
VWA	15	17		15	17	
TH01	9.3	10		9.3	10	
AMEL	X	Y		X	Y	
TPOX	11	12		11	12	
CSF1PO	10	11		10	11	
D12S391	17	20				
FGA	18	21				
D2S1338	20	25				
D21S11	28	28				
D18S51	14	14				
D8S1179	11	13				

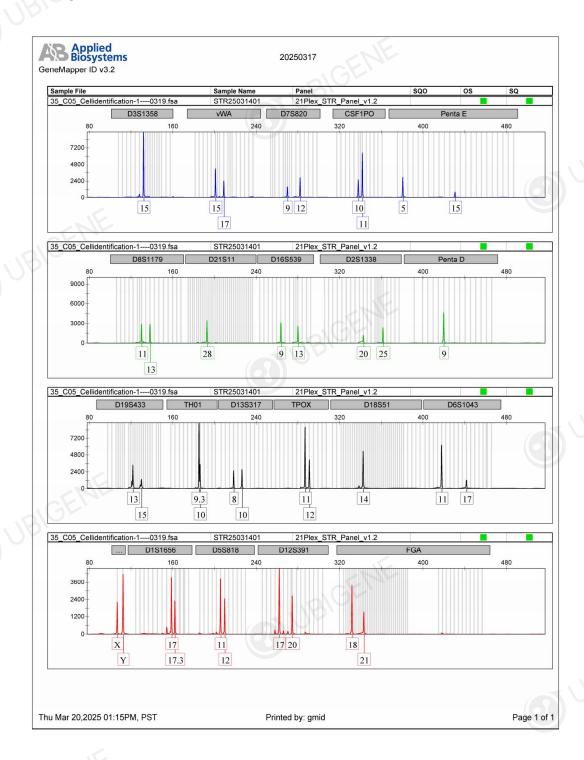| D3S1358	15	15				
D6S1043	11	17				
PENTAE	5	15				
D19S433	13	15				
PENTAD	9	9				
D1S1656	17	17.3				

4. Conclusion: The STR results of **C643** cells are consistent with the genotypes of **C643** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_5969** , 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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