

STR Authentication Report For Cell Line

1. Cell Name: HCC 94[HCC941122]

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: STR25012009			Cell name: HCC94		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	10		10	10	
D13S317	8	11		8	11	
D7S820	9	11		9	11	
D16S539	11	13		11	13	
VWA	14	17		14	17	
TH01	7	9		7	9	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	12	12		12	12	
D12S391	19	21				
FGA	22	24.2				
D2S1338	23	24				
D21S11	29	30				
D18S51	14	19				
D8S1179	14	15				
D3S1358	15	17				
D6S1043	12	19				

PENTAE	11	11				
D19S433	13	13				
PENTAD	7.2	8	13.0			
D1S1656	14	16				

4. Conclusion: The STR results of **HCC 94[HCC941122]** cells are consistent with the genotypes of **HCC 94[HCC941122]** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL 6945** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

