

## STR Authentication Report For Cell Line

1. Cell Name: CCD-1095Sk

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: STR24122001			Cell name: CCD-1095Sk		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	12	12		12	12	
D7S820	10	11		10	11	
D16S539	10	11		10	11	
VWA	14	18		14	18	
TH01	9.3	9.3		9.3	9.3	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	11	11		11	11	
D12S391	21	24				
FGA	23	25				
D2S1338	19	20				
D21S11	30	31				
D18S51	13	19				
D8S1179	13	13				
D3S1358	14	16				
D6S1043	19	19				

PENTAE	11	13				
D19S433	12	13				
PENTAD	9	9				
D1S1656	15.3	17.3				

4. Conclusion: The STR results of **CCD-1095Sk** cells are consistent with the genotypes of **CCD-1095Sk** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2122** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

