

STR Authentication Report For Cell Line

1. Cell Name: SUIT-2

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: STR25031409			Cell name: SUIT-2		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		12	11	
D13S317	9	11		11	9	
D7S820	9	11		11	9	
D16S539	9	9		9	9	
VWA	16	17		17	16	
TH01	6	6		6	6	
AMEL	X	X		X	X	
TPOX	8	10		10	8	
CSF1PO	11	12		12	11	
D12S391	18	20				
FGA	20	23				
D2S1338	19	24				
D21S11	29	30				
D18S51	16	16				
D8S1179	14	15				
D3S1358	16	16				
D6S1043	18	19				

PENTAE	10	10				
D19S433	13	13				
PENTAD	11	11				
D1S1656	11	16				

4. Conclusion: The STR results of **SUIT-2** cells are consistent with the genotypes of **SUIT-2** cell lines in **DSMZ** database, the cell ID corresponded to **JCRB1094** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

