

STR Authentication Report For Cell Line

1. Cell Name: SRA01/04

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: SRA01-04-Y01-K			Cell name: SRA 01/04		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12	13.0	11	12	13.0
D13S317	10	10		10	10	
D7S820	10	11	13.0	10	11	13.0
D16S539	10	10		10	10	
VWA	17	20		17	20	
TH01	6	7		6	7	
AMEL	X	Y		X	Y	
TPOX	8	8		8	8	
CSF1PO	11	13	15.0	11	13	15.0
D12S391	19	22				
FGA	19	22.2				
D2S1338	23	24				
D21S11	27	28				
D18S51	13	13				
D8S1179	14	15				

D3S1358	14	15				
D6S1043	11	16				
PENTAE	7	21				
D19S433	14	14				
PENTAD	9	12	13.0			
D1S1656	13	16				

4. Conclusion: The STR results of **SRA01/04** cells are consistent with the genotypes of **SRA01/04** cell lines in **DSMZ** database, the cell ID corresponded to **RCB1591** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

