

STR Authentication Report For Cell Line

1. Cell Name: TCCSUP

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: STR25022008			Cell name: TCCSUP		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	11	14		11	14	
D7S820	8	9		8	9	
D16S539	9	11		9	11	
VWA	14	16		14	16	
TH01	6	9.3		6	9.3	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	10	10		10	10	
D12S391	18	20				
FGA	21	21				
D2S1338	17	17				
D21S11	27	31.2				
D18S51	15	15				
D8S1179	13	13				
D3S1358	15	16				
D6S1043	12	12				

PENTAE	12	14				
D19S433	14	14				
PENTAD	9	11				
D1S1656	12	16.3				

4. Conclusion: The STR results of **TCCSUP** cells are consistent with the genotypes of **TCCSUP** cell lines in **DSMZ** database, the cell ID corresponded to **HTB-5**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

