

STR Authentication Report For Cell Line

1. Cell Name: SW1463

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: SW1463			Cell name: SW1463 [SW-1463,SW-1463]		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	14		13	14	
D13S317	12	13		12	13	
D7S820	9	9		9	9	
D16S539	11	11		11	11	
VWA	16	16		16	16	
TH01	6	7		6	7	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	11	12		11	12	
D12S391	17	17				
FGA	23	28				
D2S1338	17	18				
D21S11	30	31.2				
D18S51	18	18				
D8S1179	11	15				
D3S1358	16	17				
D6S1043	12	18				

PENTAE	17	17				
D19S433	14	15				
PENTAD	9	12				
D1S1656	13	16				

4. Conclusion: The STR results of **SW1463** cells are consistent with the genotypes of **SW1463** cell lines in **DSMZ** database, the cell ID corresponded to **CCL-234**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

