

STR Authentication Report For Cell Line

1. Cell Name: SW1573

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: STR25030716			Cell name: SW-1573 [SW-1573,SW1573]		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	13		12	13	
D13S317	11	11		11	11	
D7S820	9	11		9	11	
D16S539	12	14		12	14	
VWA	20	20		20	20	
TH01	6	9.3		6	9.3	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	12		10	12	
D12S391	21	21				
FGA	21	21				
D2S1338	20	20				
D21S11	29	29				
D18S51	16	16				
D8S1179	11	11				

D3S1358	14	18				
D6S1043	12	17				
PENTAE	5	13				
D19S433	13	13				
PENTAD	9	9				
D1S1656	11	17.3				

4. Conclusion: The STR results of **SW1573** cells are consistent with the genotypes of **SW1573** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2170** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

