

STR Authentication Report For Cell Line

1. Cell Name: WM-115

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: STR25032021			Cell name: WM-115		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	12	13		12	13	
D7S820	8	8		8	8	
D16S539	11	12		11	12	
VWA	15	17		15	17	
TH01	7	9		7	9	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	12	12		12	12	
D12S391	18	20				
FGA	21	23				
D2S1338	19	19				
D21S11	29	29				
D18S51	15	17				
D8S1179	13	15				

D3S1358	15	18				
D6S1043	18	19				
PENTAE	5	7				
D19S433	13	13				
PENTAD	10	15				
D1S1656	15	16.3				

4. Conclusion: The STR results of **WM-115** cells are consistent with the genotypes of **WM-115** cell lines in **DSMZ** database, the cell ID corresponded to **HPACC** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

