

## STR Authentication Report For Cell Line

1. Cell Name: MGC-803

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: MGC803-Y03-S				Cell name: MGC-803		
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
D5S818	10	11	12.0		10	11	12.0
D13S317	7	13.3			7	13.3	
D7S820	11	12			11	12	
D16S539	9	11			9	11	
VWA	16	18			16	17	18.0
TH01	7	9			7	9	
AMEL	X	X			X	X	
TPOX	12	12			12	12	
CSF1PO	9	10	12.0		9	10	12.0
D12S391	20	26					
FGA	18	21					
D2S1338	17	24					
D21S11	27	28					
D18S51	13	13					
D8S1179	12	14					
D3S1358	15	18					
D6S1043	18	19					

PENTAE	7	10	16.0	17.0			
D19S433	13	13					
PENTAD	8	15					
D1S1656	12	15	16.0				

4. Conclusion: The STR results of **MGC-803** cells are consistent with the genotypes of cell lines in database, the cell ID corresponded to , and the STR results **basically matched**. In the test, **None** in this cell line.

## 5. Attached Image

