

## STR Authentication Report For Cell Line

1. Cell Name: Panc-1

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: PANC-1			Cell name: PANC-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13		11	13	
D13S317	11	11		11	11	
D7S820	8	10		8	10	
D16S539	11	12		11	11	
VWA	15	15		15	15	
TH01	7	8		7	8	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	12		10	12	
D12S391	22	22				
FGA	21	21				
D2S1338	23	24				
D21S11	28	28				
D18S51	12	12				
D8S1179	14	15				

D3S1358	17	17				
D6S1043	11	12				
PENTAE	7	14				
D19S433	11	16				
PENTAD	14	14				
D1S1656	12	14				

4. Conclusion: The STR results of **Panc-1** cells are consistent with the genotypes of **Panc-1** cell lines in **DSMZ** database, the cell ID corresponded to **783** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

