

STR Authentication Report For Cell Line

1. Cell Name: GP2d

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: STR25031419			Cell name: GP2d		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	8	12		8	12	
D7S820	9	11		9	11	
D16S539	11	13		11	13	
VWA	17	18		17	18	
TH01	7	9.3		7	9.3	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	9	12		9	12	
D12S391	19	22				
FGA	23	23				
D2S1338	18	18				
D21S11	29	30				
D18S51	12	13				
D8S1179	10	12				
D3S1358	15	16	18.0			
D6S1043	10	17				

PENTAE	7	10				
D19S433	12	13				
PENTAD	12	13				
D1S1656	16	16.3				

4. Conclusion: The STR results of **GP2d** cells are consistent with the genotypes of **GP2d** 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

