

## STR Authentication Report For Cell Line

1. Cell Name: B-CPAP

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: STR25031406			Cell name: B-CPAP		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	11		11	10	
D13S317	12	12		12	12	
D7S820	10	10		10	10	
D16S539	11	12		12	11	
VWA	14	17		17	14	
TH01	6	9.3		9.3	6	
AMEL	X	X		X	X	
TPOX	8	11		11	8	
CSF1PO	13	13		13	13	
D12S391	18	23				
FGA	20	23				
D2S1338	18	18				
D21S11	30	31.2				
D18S51	13	17				
D8S1179	12	13				

D3S1358	16	17				
D6S1043	12	19				
PENTAE	5	12				
D19S433	13.2	15				
PENTAD	10	11				
D1S1656	13	17.3				

4. Conclusion: The STR results of **B-CPAP** cells are consistent with the genotypes of **B-CPAP** cell lines in **DSMZ** database, the cell ID corresponded to **ACC-273** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

