

STR Authentication Report For Cell Line

1. Cell Name: NALM-6

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: NALM-6			Cell name: NALM-6		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	9	13		9	13	
D7S820	8	11		8	11	
D16S539	10	11		10	11	
VWA	15	16		15	16	
TH01	8	9		8	9	
AMEL	X	Y		X	Y	
TPOX	8	10		8	10	
CSF1PO	13	13		13	13	
D12S391	20	21				
FGA	22	23				
D2S1338	17	24				
D21S11	27	29				
D18S51	12	15				
D8S1179	12	13				

D3S1358	16	17				
D6S1043	11	13				
PENTAE	11	11				
D19S433	13	15				
PENTAD	8	14				
D1S1656	11	12	17.0			

4. Conclusion: The STR results of **NALM-6** cells are consistent with the genotypes of **NALM-6** cell lines in **DSMZ** database, the cell ID corresponded to **ACC-RCB1933**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

