

## STR Authentication Report For Cell Line

1. Cell Name: NCM460

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: STR25032019			Cell name: NCM460		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	10		10	10	
D13S317	9	11		9	11	
D7S820	11	12		11	12	
D16S539	9	11		9	11	
VWA	14	17		14	17	
TH01	6	7		6	7	
AMEL	X	Y		X	Y	
TPOX	8	11		8	11	
CSF1PO	9	12		9	12	
D12S391	21	22		21	22	
FGA	19	24		19	24	
D2S1338	17	23		17	23	
D21S11	30	30		30	32.2	
D18S51	13	13		13	13	
D8S1179	13	16		13	16	

D3S1358	16	16		16	16	
D6S1043	18	19		18	19	
PENTAE	18	20		18	20	
D19S433	14	15.2		14	15.2	
PENTAD	11	12		11	12	
D1S1656	14	16		14	16	

4. Conclusion: The results of cell STR of **NCM460** cells were **basically matched** with the control Human cell line **NCM460**. In the test, **Multi allele was found** in this cell line.

## 5. Attached Image

