

## STR Authentication Report For Cell Line

1. Cell Name: NCI-H1395
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:

<b>Genotype analysis results of STR and Amelogenin loci in cells</b>						
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: STR25012004			Cell name: NCI-H1395		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	10	14		10	14	
D7S820	8	8		8	8	
D16S539	11	13		11	13	
VWA	14	17		14	17	
TH01	6	9.3		6	9.3	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	12	12		12	12	
D12S391	20	22				
FGA	18	23				
D2S1338	17	24				
D21S11	29	29				
D18S51	12	14				
D8S1179	12	14				
D3S1358	15	15				
D6S1043	18	19				

PENTAE	7	7				
D19S433	13	16				
PENTAD	12	12				
D1S1656	15	15				

4. Conclusion: The STR results of **NCI-H1395** cells are consistent with the genotypes of **NCI-H1395** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-5868**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

