

## STR Authentication Report For Cell Line

1. Cell Name: NCI-H2126 [H2126]

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: STR25032005			Cell name: NCI-H2126 [H2126]		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11		11	11	
D13S317	12	14		12	14	
D7S820	8	9		8	9	
D16S539	12	12		12	12	
VWA	17	17		17	17	
TH01	9.3	9.3		7	9.3	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	11	11		11	11	
D12S391	21	21				
FGA	26	26				
D2S1338	17	19				
D21S11	29	29				
D18S51	14	14				
D8S1179	12	12				
D3S1358	16	16				
D6S1043	11	11				

PENTAE	7	10				
D19S433	14	14				
PENTAD	10	10				
D1S1656	14	18.3				

4. Conclusion: The STR results of **NCI-H2126 [H2126]** cells are consistent with the genotypes of **NCI-H2126 [H2126]** cell lines in **DSMZ** database, the cell ID corresponded to **CCL-256** , and the STR results **basically matched**. In the test, **Multi allele was found** in this cell line.

## 5. Attached Image

