

STR Authentication Report For Cell Line

1. Cell Name: A2058

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: STR24091203			Cell name: A2058		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	9	12		9	12	
D13S317	13	14		13	14	
D7S820	11	11		11	11	
D16S539	9	13		9	13	
VWA	14	18		14	18	
TH01	7	9		7	9	
AMEL	X	Y		X	Y	
TPOX	8	8		8	8	
CSF1PO	10	11		10	11	
D12S391	22	23				
FGA	21	24				
D2S1338	17	18				
D21S11	29	30.2				
D18S51	13	15				
D8S1179	12	13				
D3S1358	14	15				
D6S1043	11	17				

PENTAE	10	13				
D19S433	14	14				
PENTAD	9	12				
D1S1656	15	18.3				

4. Conclusion: The STR results of **A2058** cells are consistent with the genotypes of **A2058** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-11147**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

