

STR Authentication Report For Cell Line

1. Cell Name: OCI-Aml-3
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: OCL-AML-3			Cell name: OCI-AML3		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13		11	13	
D13S317	8	13		8	13	
D7S820	9	10		9	10	
D16S539	11	13		11	13	
VWA	17	18		17	18	
TH01	8	10		8	10	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	11	12		11	12	
D12S391	20	21				
FGA	22	22				
D2S1338	17	21				
D21S11	29	30				
D18S51	12	18				
D8S1179	10	12				
D3S1358	16	16				
D6S1043	11	13				

PENTAE	11	13				
D19S433	15	17				
PENTAD	12	13				
D1S1656	15	17.3				

4. Conclusion: The STR results of **OCI-Aml-3** cells are consistent with the genotypes of **OCI-Aml-3** cell lines in **DSMZ** database, the cell ID corresponded to **582** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

