

STR Authentication Report For Cell Line

1. Cell Name: Ocut-2C

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: STR25022010			Cell name: OCUT-2		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	11	11		11	11	
D7S820	11	11		11	11	
D16S539	9	9		9	9	
VWA	14	18		14	18	
TH01	6	7		6	7	
AMEL	X	X		X	X	
TPOX	11	11		11	11	
CSF1PO	11	11		11	11	
D12S391	20	23				
FGA	21	26				
D2S1338	17	24				
D21S11	30	32.2				
D18S51	13	13				
D8S1179	13	14				
D3S1358	15	15				
D6S1043	19	19				

PENTAE	11	16				
D19S433	13	14				
PENTAD	9	12				
D1S1656	14	15				

4. Conclusion: The STR results of **Ocut-2C** cells are consistent with the genotypes of **Ocut-2C** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL 9814** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

