

STR Authentication Report For Cell Line

1. Cell Name: A875

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: STR25030717			Cell name: A-875		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13		11	13	
D13S317	8	12		8	12	
D7S820	8	11		8	11	
D16S539	11	12		11	12	
VWA	15	16		15	16	
TH01	9.3	9.3		9.3	9.3	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	11	12		11	12	
D12S391	20	22				
FGA	22	22				
D2S1338	20	24				
D21S11	28	30.2				
D18S51	17	17				
D8S1179	11	11				

D3S1358	14	15				
D6S1043	19	19				
PENTAE	7	7				
D19S433	13.2	14				
PENTAD	10	12				
D1S1656	11	12				

4. Conclusion: The STR results of **A875** cells are consistent with the genotypes of **A875** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_4733** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

