

## STR Authentication Report For Cell Line

1. Cell Name: UACC-62

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: UACC-62			Cell name: UACC-62		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	12	12		12	12	
D7S820	8	11		8	11	
D16S539	9	12		9	12	
VWA	16	17		16	17	
TH01	6	9		6	9	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	11		10	11	
D12S391	18	25				
FGA	23	23				
D2S1338	18	20				
D21S11	28	31				
D18S51	15	15				
D8S1179	10	13				

D3S1358	15	15				
D6S1043	11	13				
PENTAE	5	14				
D19S433	15	15				
PENTAD	11	12				
D1S1656	16	18.3				

4. Conclusion: The STR results of **UACC-62** cells are consistent with the genotypes of **UACC-62** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL\_1780** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

