

STR Authentication Report For Cell Line

1. Cell Name: KYSE-410
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: STR25031431			Cell name: KYSE-410		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	11	11		11	11	
D7S820	12	12		12	12	
D16S539	10	12		10	12	
VWA	16	18		16	18	
TH01	8	8		8	8	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	12	12		12	12	
D12S391	17	19				
FGA	20	20				
D2S1338	17	19				
D21S11	30	30				
D18S51	13	15				
D8S1179	10	10				
D3S1358	15	16				
D6S1043	13	15				

PENTAE	8	12				
D19S433	13	13				
PENTAD	11	11				
D1S1656	13	15				

4. Conclusion: The STR results of **KYSE-410** cells are consistent with the genotypes of **KYSE-410** cell lines in **ATCC** database, the cell ID corresponded to **ACC-381**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

