

## STR Authentication Report For Cell Line

1. Cell Name: MDA-MB-361

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: STR25032701			Cell name: MDA-MB-361		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	11		10	11	
D13S317	11	11		11	11	
D7S820	9	12		9	12	
D16S539	11	12		11	12	
VWA	17	17		17	17	
TH01	9.3	9.3		9.3	9.3	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	12	12		12	12	
D12S391	21	22	23.0			
FGA	20	24				
D2S1338	19	20				
D21S11	30	32.2				
D18S51	12	15				
D8S1179	15	15				

D3S1358	16	16				
D6S1043	14	18				
PENTAE	8	14				
D19S433	12.2	14				
PENTAD	12	13				
D1S1656	12	15				

4. Conclusion: The STR results of **MDA-MB-361** cells are consistent with the genotypes of **MDA-MB-361** cell lines in **DSMZ** database, the cell ID corresponded to **HTB-27** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

