

STR Authentication Report For Cell Line

1. Cell Name: Ca Ski

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: Ca Ski			Cell name: Ca-Ski		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	8	12		8	12	
D7S820	8	11		8	11	
D16S539	11	11		11	11	
VWA	17	17		17	17	
TH01	7	7		7	7	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	10	10		10	10	
D12S391	18	18				
FGA	21	21				
D2S1338	21	21				
D21S11	30	30				
D18S51	17	17				
D8S1179	15	15				

D3S1358	15	15				
D6S1043	11	14				
PENTAE	5	5				
D19S433	15	16				
PENTAD	10	10				
D1S1656	13	17.3				

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

5. Attached Image

