(1) UBIGER

## (1) UBIGENE **STR Authentication Report For Cell Line**

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1. Cell Name: CA46

- 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								
.01	STR profile for Sample cell  Cell name: STR24112710			STR profile for Cell Bank cell Cell name: CA-46				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	13	13	- UBIC	13	13			
D13S317	8	12		8	12			
D7S820	11	12		11	12	- IBIGE		
D16S539	11	12		11	12			
VWA	15	16		15	16			
TH01	G 7	9		7	9			
AMEL	Х	Х		Х	Х			
TPOX	8	9	. C	8	9			
CSF1PO	10	12	NBIG	10	12			
D12S391	17	21				aE'		
FGA	19	23				BIBLOS		
D2S1338	20	22						
D21S11	28	29						
D18S51	13	16						
D8S1179	15	15						

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D3S1358	16	18			
D6S1043	18	18			
PENTAE	5	11	. C	ENE	
D19S433	15.2	15.2	UBIC		
PENTAD	12	13			-E1
D1S1656	13	13			* I IBIO

4. Conclusion: The STR results of <u>CA46</u> cells are consistent with the genotypes of <u>CA46</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-73</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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