(1) UBIGER

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

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

Online Inquiry

1. Cell Name: NCI-H1993

- 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. JUBIGEN
- 3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells								
.0	STR profile for Sample cell Cell name: STR25052105			STR profile for Cell Bank cell Cell name: NCI-H1993 [H1993]				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	11	12	JUBIC	11	12			
D13S317	13	13		13	13			
D7S820	12	12		12	12	- IBIGE		
D16S539	12	12		12	12			
VWA	17	17		17	17			
TH01	6	9.3		6	9.3			
AMEL	Х	Х		Х	Х			
TPOX	9	9	. C	9	9			
CSF1PO	10	13	ON UBIC	10	13			
D12S391	21	21				~E [']		
FGA	22	23				IBIO		
D2S1338	17	17			(1)			
D21S11	29	29						
D18S51	13	18						
D8S1179	14	14						

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us Online Inquiry

D3S1358	17	17			
D6S1043	20	20			
PENTAE	12	12		ENE	
D19S433	13	15	UBIC		
PENTAD	10	10			-E1
D1S1656	16	16			* I IBIO

4. Conclusion: The STR results of <u>NCI-H1993</u> cells are consistent with the genotypes of <u>NCI-H1993 [H1993]</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5909</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

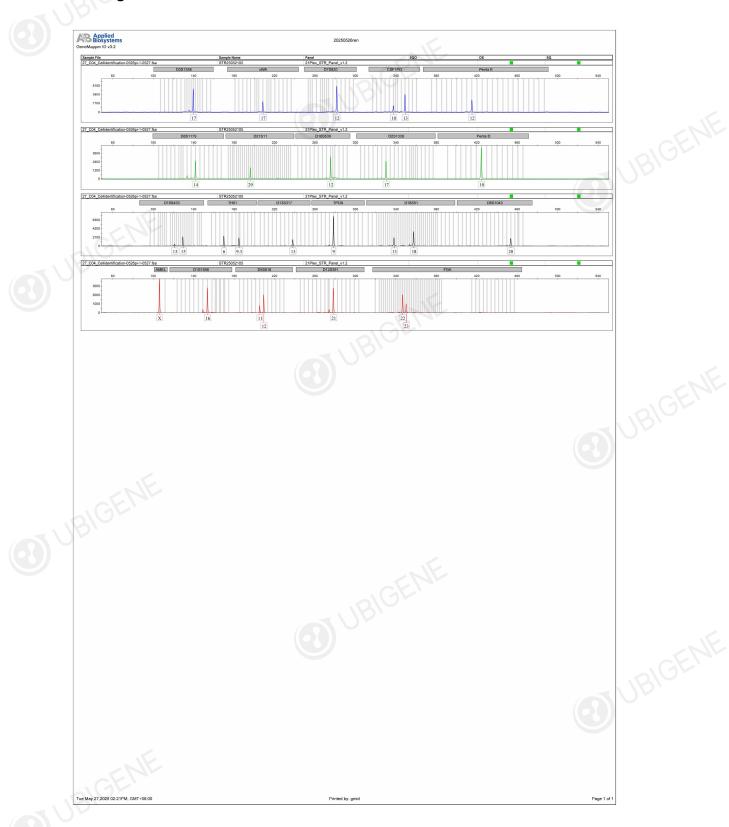
Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com
Web: www.ubigene.us

Online Inquiry

5. Attached Image



Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com
Web: www.ubigene.us

Online Inquiry