(1) UBIGER

## 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



1. Cell Name: SW1990

- 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 resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell  Cell name: SW1990			STR profile for Cell Bank cell Cell name: SW 1990 [SW-1990, SW1990]			
	D5S818	12	13	JUBIC	12	13	
D13S317	8	12		8	12	7.5	
D7S820	9	10		9	10	- IBIGE	
D16S539	13	13		13	13		
VWA	17	17		17	17		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	9		8	9		
CSF1PO	10	12	UBIC	10	12		
D12S391	17	17				CEI	
FGA	26	26				* I IBIO	
D2S1338	23	23			(2)		
D21S11	31	31					
D18S51	13	13					
D8S1179	11	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

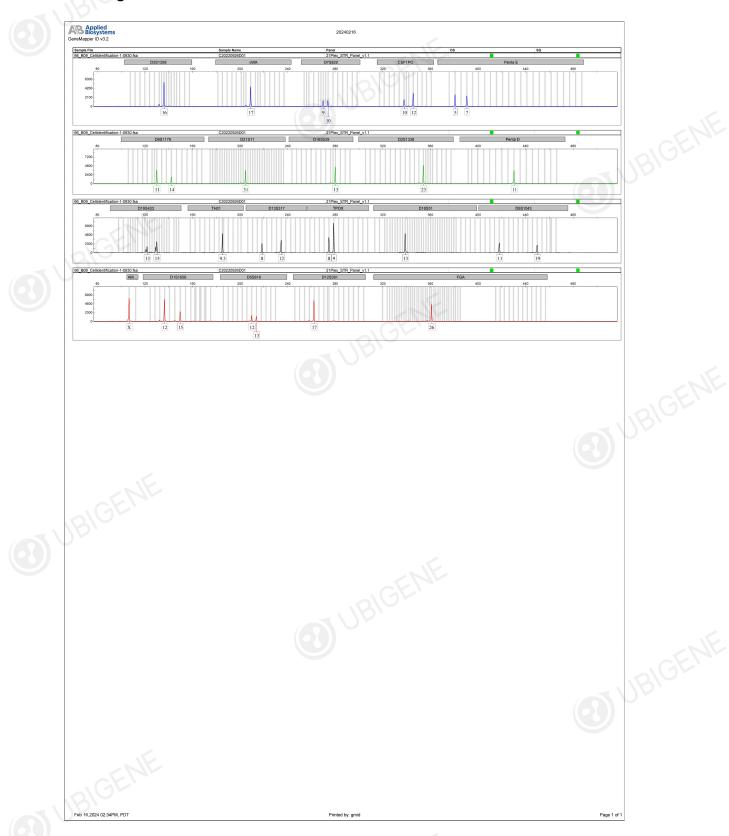
D3S1358	16	16			
D6S1043	11	19			
PENTAE	5	7	. C	ENE	
D19S433	13	15	UBIC		
PENTAD	11	11			-51
D1S1656	12	15			NBIG

4. Conclusion: The STR results of <u>SW1990</u> cells are consistent with the genotypes of <u>SW1990</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-2172</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

## 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

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

3 UBIGENE