(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: IPSC-DYR0100

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	e analysis resu	ults of STR and	Amelogenin l	loci in cells	
STR Loci	STR profile for Sample cell Cell name: IPSC			STR profile for Cell Bank cell		
				Cell name: ATCC- DYR0100 hiPSC		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11	JUBIC	11	11	
D13S317	11	13		11	13	7.3
D7S820	9	10		9	10	- IBIGE
D16S539	12	12		12	12	
VWA	14	19		14	19	
TH01	9.3	9.3		9.3	9.3	
AMEL	Х	Y		Х	Y	
TPOX	8	11	.0	8	11	
CSF1PO	7	11	UBIC	7	11	
D12S391	18	19.3				-EN
FGA	21	22				* IJBIO
D2S1338	17	19			(2)	
D21S11	30	32.2				
D18S51	10	13				
D8S1179	14	15				

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

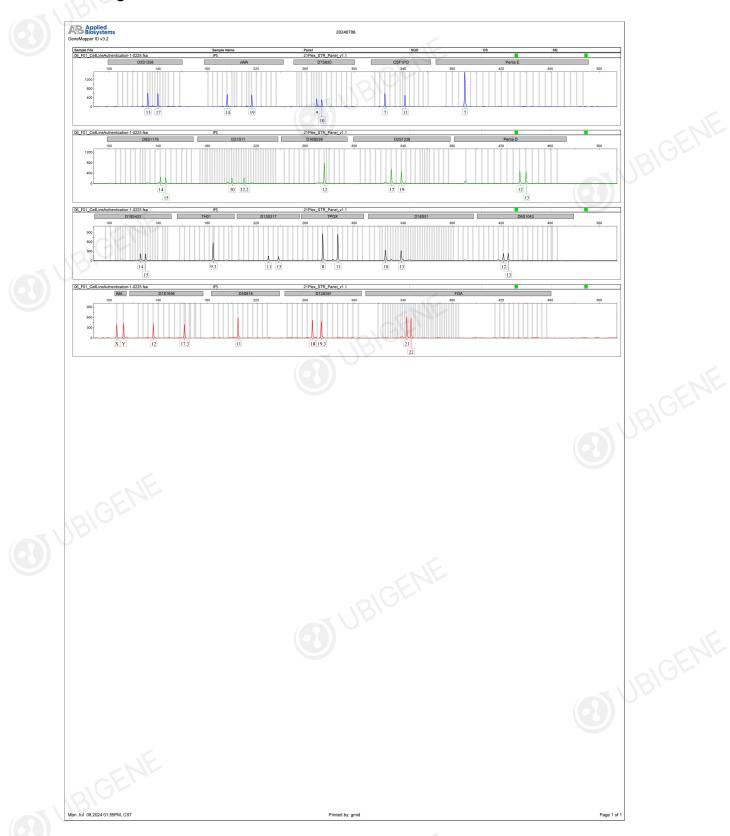
D3S1358	15	17			
D6S1043	12	13			
PENTAE	7	7	. C	ENE	
D19S433	14	15	UBIC		
PENTAD	12	13			75
D1S1656	12	17.3			* IBIO

4. Conclusion: The STR results of <u>IPSC-DYR0100</u> cells are consistent with the genotypes of <u>ATCC- DYR0100 hiPSC</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACS-1011</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