(1) UBIGER

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

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1. Cell Name: HPAF-II

- 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: STR25030715			STR profile for Cell Bank cell Cell name: HPAF-II			
	D5S818	11	13	NBIC	11	13	
D13S317	12	12		12	12	-51	
D7S820	10	13		10	13	- IBIGE	
D16S539	11	13		11	13		
VWA	17	17		17	17		
TH01	G 9	9		9	9		
AMEL	Х	Х		Х	Х		
TPOX	8	8		8	8		
CSF1PO	10	11	UBIC	10	11		
D12S391	17	17				CE!	
FGA	21	24				* I JBIOL	
D2S1338	16	19			(2)		
D21S11	30	31					
D18S51	13	13					
D8S1179	11	12					

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D3S1358	14	18			
D6S1043	12	12			
PENTAE	10	13	. C	ENE	
D19S433	12	12	UBIC		
PENTAD	9	13			~E\
D1S1656	15	16.3			* I IBIOL

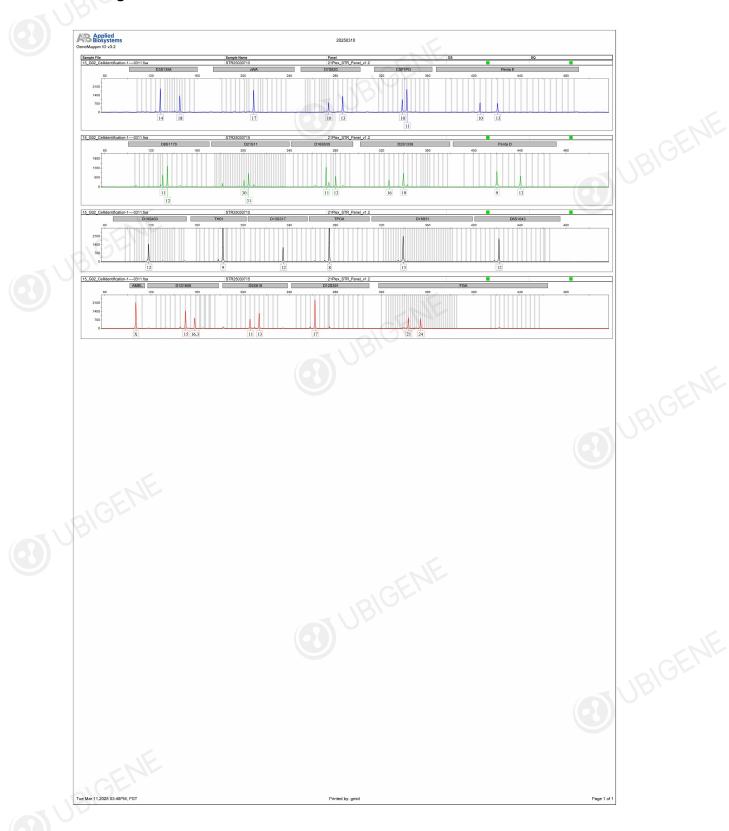
4. Conclusion: The STR results of <u>HPAF-II</u> cells are consistent with the genotypes of <u>HPAF-II</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1997</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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