(1) UBIGER

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

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1. Cell Name: RT-112 [RT 112, RT112]

- 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: STR25022007			STR profile for Cell Bank cell		
				Cell name: RT-112		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	13	JUBIC	10	13	
D13S317	13	14		13	14	
D7S820	11	12		11	12	- IBIGE
D16S539	11	13		11	13	
VWA	14	17		14	17	
TH01	7	7		7	7	
AMEL	Х	Х		Х	Х	
TPOX	8	11		8	11	
CSF1PO	10	11	UBIC	10	11	
D12S391	17	24				Œ!
FGA	25	25				NIBION
D2S1338	17	24				
D21S11	27	30				
D18S51	17	17				
D8S1179	13	15				

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D3S1358	15	15			
D6S1043	11	20			
PENTAE	12	16	. C	ENE	
D19S433	13	15	UBIC	,	
PENTAD	10	10			-E1
D1S1656	13	18			* I IBIO

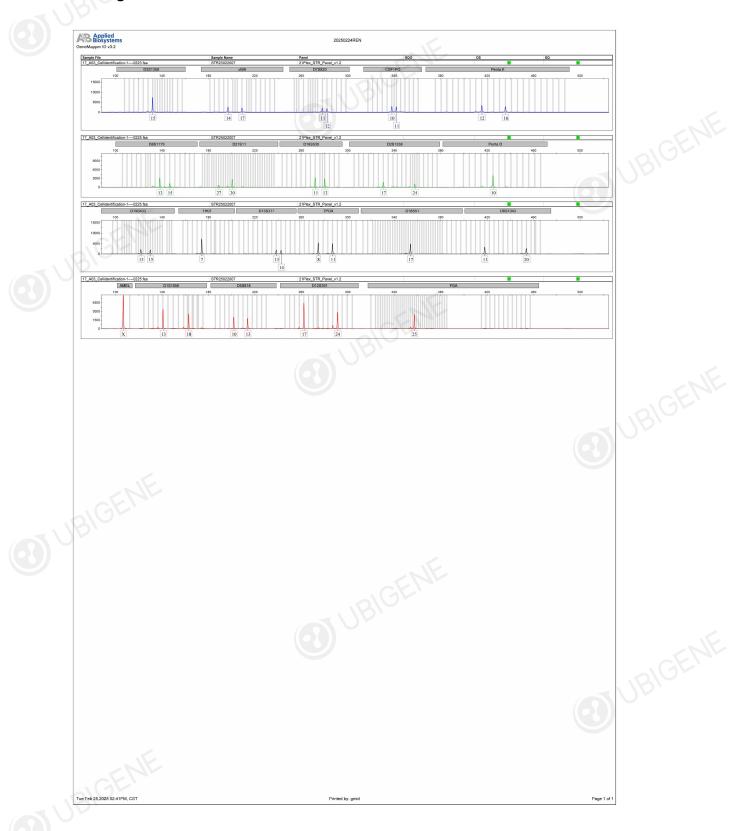
4. Conclusion: The STR results of <u>RT-112 [RT 112, RT112]</u> cells are consistent with the genotypes of <u>RT-112</u> cell lines in <u>ATCC</u> database, the cell ID corresponded to <u>ACC-418</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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