(1) UBIGER

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

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1. Cell Name: YT

- 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.
- 3. Sample gene genotype analysis result:

	Genotype	e analysis resu	ults of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: YT-Y01-K			STR profile for Cell Bank cell		
				Cell name: YT		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	11	NBIC	10	11	
D13S317	9	11		9	11	
D7S820	11	12		11	12	- IBIGE
D16S539	10	12		10	12	
VWA	17	18	20.0	17	18	20.0
TH01	6	7		6	7	
AMEL	Х	Y		Х	Y	
TPOX	8	8		8	8	
CSF1PO	10	12	UBIC	10	11	
D12S391	18	20				a E I
FGA	22	23				* I BIOL
D2S1338	19	20			(2)	
D21S11	30	32	35.0			
D18S51	14	16				
D8S1179	13	16				

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D3S1358	15	17			
D6S1043	11	11			
PENTAE	15	15	. C	ENE	
D19S433	14	14.2	UBIC		
PENTAD	10	11			75
D1S1656	16	17			* IBIO

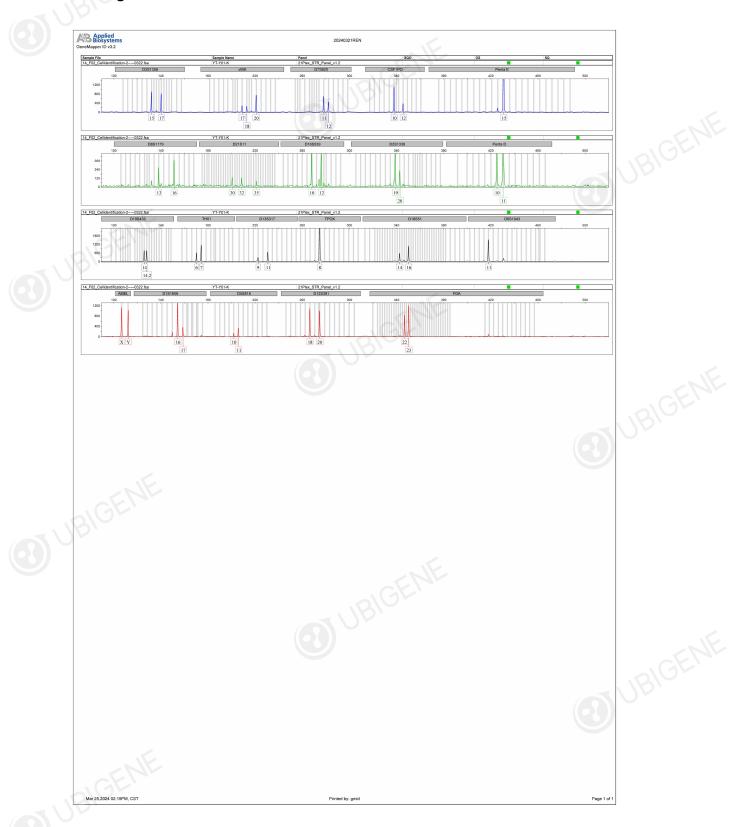
4. Conclusion: The STR results of <u>YT</u> cells are consistent with the genotypes of <u>YT</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_1797</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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