(1) UBIGER

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

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1. Cell Name: KTC-1

- 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	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25032714			STR profile for Cell Bank cell Cell name: KTC-1			
	D5S818	11	12	NBIC	11	12	
D13S317	11	11		11	11		
D7S820	11	11		11	11	- IBIGE	
D16S539	12	12		12	12		
VWA	14	17		14	17		
TH01	9	9		9	9		
AMEL	Х	Υ		Х	Y		
TPOX	11	11		11	11		
CSF1PO	10	12	UBIC	10	12		
D12S391	18	23				CE!	
FGA	23	26				* I IBIO	
D2S1338	22	23			(2)		
D21S11	29	29					
D18S51	12	13					
D8S1179	11	14					

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D3S1358	14	15			
D6S1043	14	18			
PENTAE	13	20	. C	ENE	
D19S433	13	14	UBIC	,	
PENTAD	13	14			-51
D1S1656	14	14			- IBIO

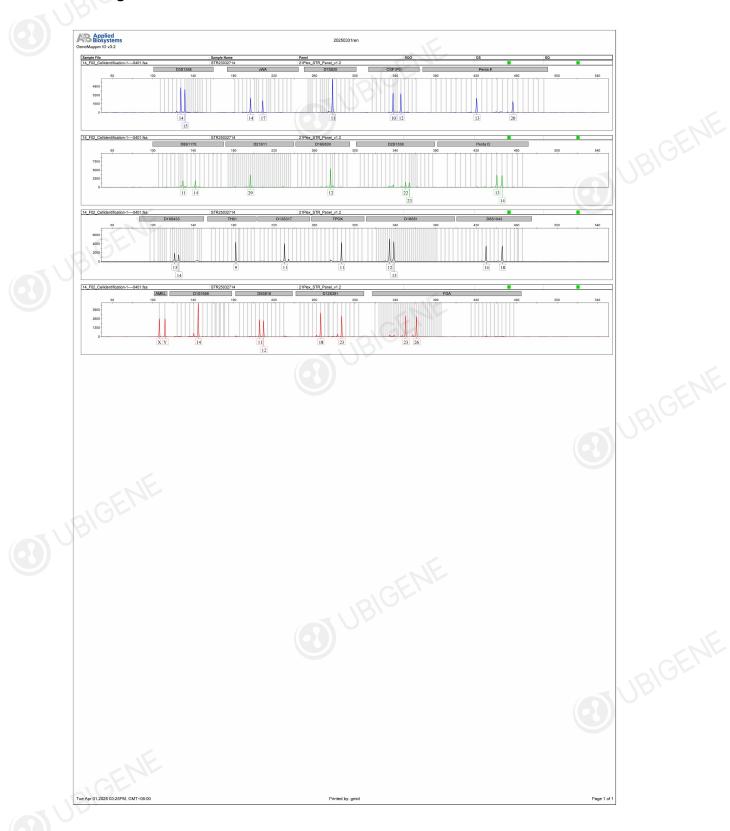
4. Conclusion: The STR results of <u>KTC-1</u> cells are consistent with the genotypes of <u>KTC-1</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_6300</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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