(1) UBIGER

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

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Online Inquiry

1. Cell Name: TC71

- 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 results of STR and Amelogenin loci in cells								
STR Loci	STR profile for Sample cell Cell name: TC71			STR profile for Cell Bank cell Cell name: TC-71				
								Allele1
	D5S818	10	10	UBIC	10	10		
D13S317	11	12		11	12	-61		
D7S820	10	10		10	10	- IBIGE		
D16S539	11	11		11	14			
VWA	17	18		17	18			
TH01	9.3	9.3		9.3	9.3			
AMEL	Х	Y		Х	Y			
TPOX	8	9	.0	8	9			
CSF1PO	10	11	UBIC	10	11			
D12S391	20	24				a E		
FGA	24	26				NIBION		
D2S1338	20	24			(2)			
D21S11	29	30						
D18S51	12	15						
D8S1179	10	10						

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D3S1358	15	17			
D6S1043	12	14			
PENTAE	12	12	. C	ENE	
D19S433	14	14	UBIC	,	
PENTAD	11	14			720
D1S1656	15	15			- IBIO

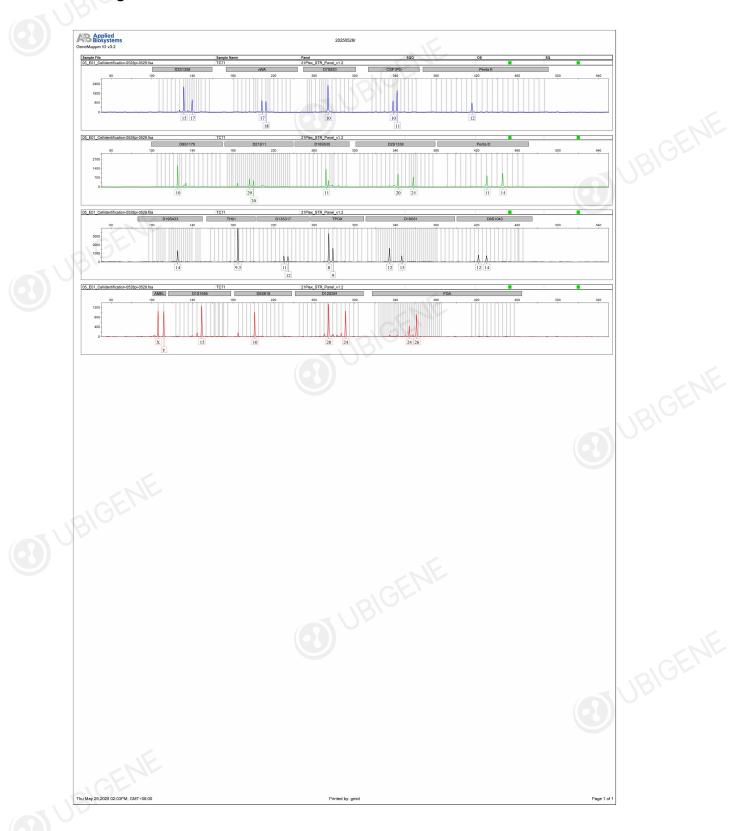
4. Conclusion: The STR results of <u>TC71</u> cells are consistent with the genotypes of <u>TC71</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_2213</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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