## STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: DU145

- 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:

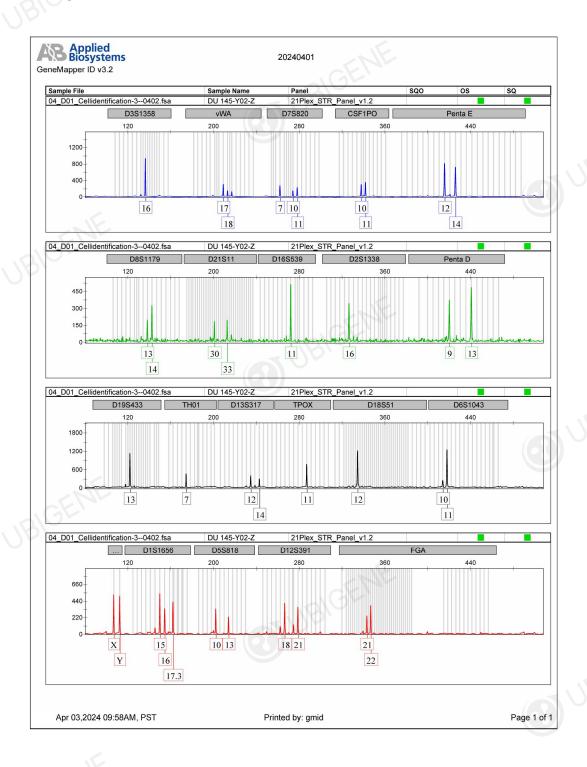
	the ABI 3730 ene genotype						
	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells	Op.	
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: DU 145-Y02-Z			Cell name: DU145			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	10	13	- IBIC	10	13		
D13S317	12	14		12	14		
D7S820	7	10	11.0	7	10	11.0	
D16S539	11	11		11	13		
VWA	17	18		17	18		
TH01	G 7	7		7	7		
AMEL	Х	Y		Х	Y		
TPOX	11	11		W11	11		
CSF1PO	10	11	UBIC	10	11		
D12S391	18	21				-57	
FGA	21	22				-11BIOL	
D2S1338	16	16			(-)		
D21S11	30	33					
D18S51	12	12					
D8S1179	13	14					
D3S1358	16	16		ENE			
D6S1043	10	11	-11810				

PENTAE	12	14			6	
D19S433	13	13				
PENTAD	9	13		ENE		
D1S1656	15	16	17.3			

4. Conclusion: The STR results of <u>DU145</u> cells are consistent with the genotypes of <u>DU145</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_0105</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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