STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: NCI-H1299

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.

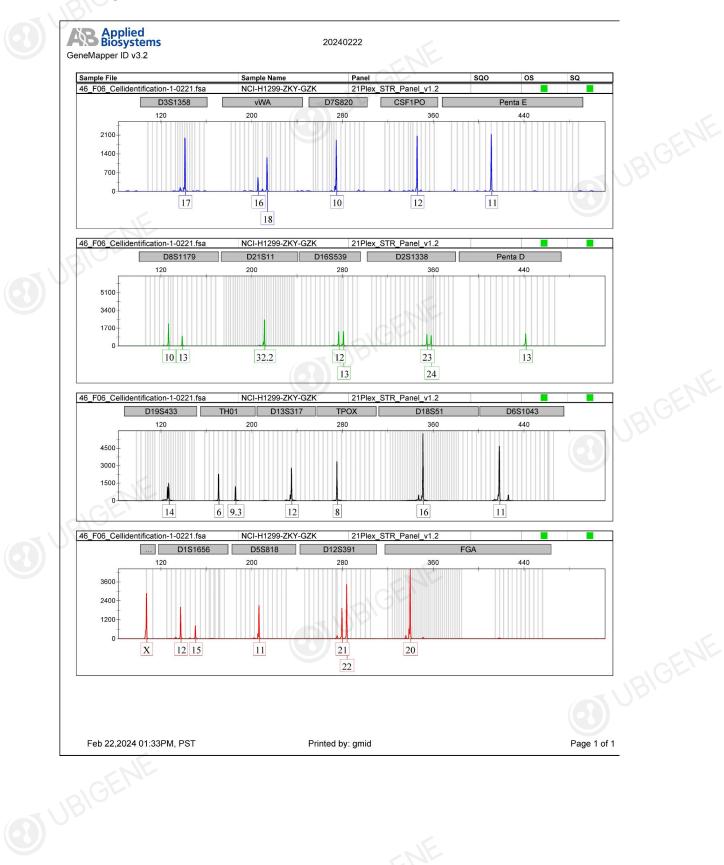
	the ABI 3730 ene genotype						
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: NCI-H1299			Cell name: NCI-H1299-Luc2-tdT-2			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	- IBIC	11	11		
D13S317	12	12		12	12		
D7S820	10	10		10	10	IBIGE	
D16S539	12	13		12	13		
VWA	16	18		16	18		
TH01	6	9.3		6	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	8		8	8		
CSF1PO	12	12	JUBIC	12	12		
D12S391	21	22				-51	
FGA	20	20				- IBIGE	
D2S1338	23	24					
D21S11	32.2	32.2					
D18S51	16	16					
D8S1179	10	13					
D3S1358	17	17		CNE			
D6S1043	11	11	-11810				

PENTAE	GE 11	11			
D19S433	14	14			
PENTAD	13	13		ENE	
D1S1656	12	15	UBIC		

4. Conclusion: The STR results of <u>NCI-H1299</u> cells are consistent with the genotypes of <u>NCI-H1299</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_XE62</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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