STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: NCI-H1299

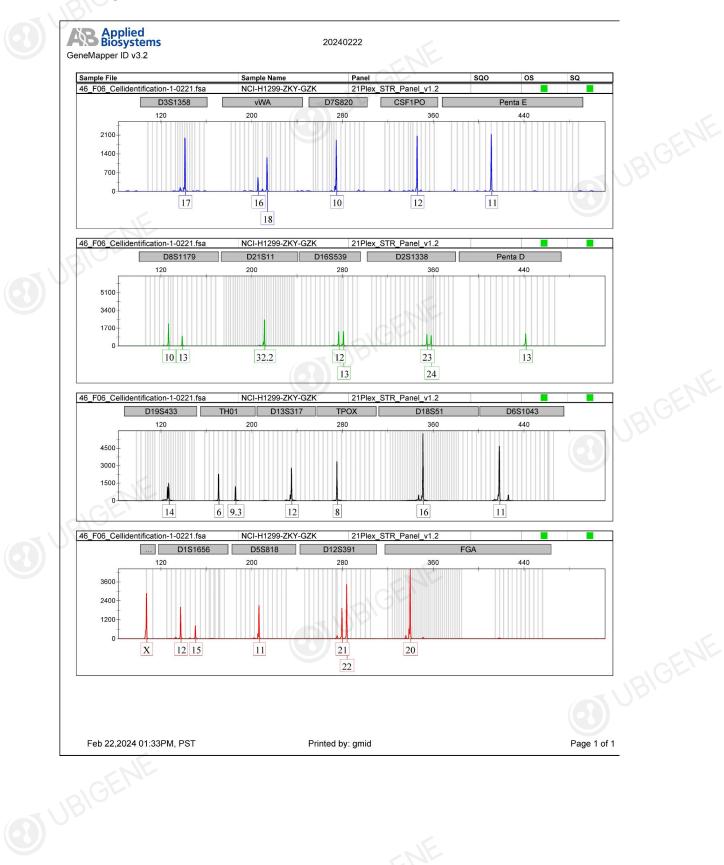
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	Ilts of STR and	Amelogenin l	oci in cells	
	STR profile for Sample cell Cell name: NCI-H1299			STR profile for Cell Bank cell Cell name: NCI-H1299-Luc2-tdT-2		
STR Loci						
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11	- IBIC	11	11	
D13S317	12	12		12	12	
D7S820	10	10		10	10	, IBIGI
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	TIBIC	12	12	

Note: The above figure shows the comparison results of nine genotype loci for detecting cells and cells from the cell bank.

4. Conclusion: The STR results of NCI-H1299 cells are consistent with the genotypes of NCI-H1299 cell lines in EXPASY database, the cell ID corresponded to CVCL XE62, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image



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