(1) UBIGER

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

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1. Cell Name: HNE1

- 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. JUBIGEN
- 3. Sample gene genotype analysis result:

	Genotype	e analysis resu	ults of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: STR25041111			STR profile for Cell Bank cell Cell name: HNE-1		
	D5S818	11	12	NBIC	11	12
D13S317	10	12	13.3	10	12	13.3
D7S820	10	12		10	12	- IBIGE
D16S539	9	10		9	10	
VWA	14	16		14	16	
TH01	6	7	9.0	6	7	9.0
AMEL	Х	Х		Х	Х	
ТРОХ	8	12		8	12	
CSF1PO	10	11	UBIC	10	11	
D12S391	20	21				a E
FGA	18	21				* I IBIO
D2S1338	17	23				
D21S11	27	30				
D18S51	13	16				
D8S1179	12	16				

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D3S1358	15	18			
D6S1043	11	18			
PENTAE	15	17	20.0	ENE	
D19S433	13	13	UBIC		
PENTAD	9	12			730
D1S1656	12	15	16.0		- IBIOL

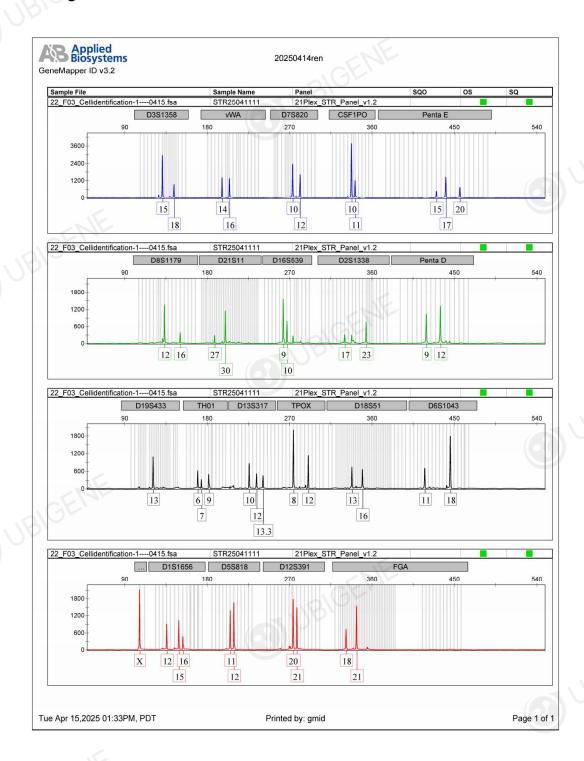
4. Conclusion: The STR results of <u>HNE1</u> cells are consistent with the genotypes of <u>HNE1</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_0308</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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