STR Authentication Report For Cell Line

(B) UBIGENE

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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.

	Genotype	analysis resu	ılts 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	- IBIC	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		
TPOX	8	12		8	12		
CSF1PO	10	11	UBIC	10	11		
D12S391	20	21				-5	
FGA	18	21				IBIG	
D2S1338	17	23			(3)		
D21S11	27	30					
D18S51	13	16					
D8S1179	12	16					
D3S1358	15	18		CNE			
D6S1043	11	18	1810				



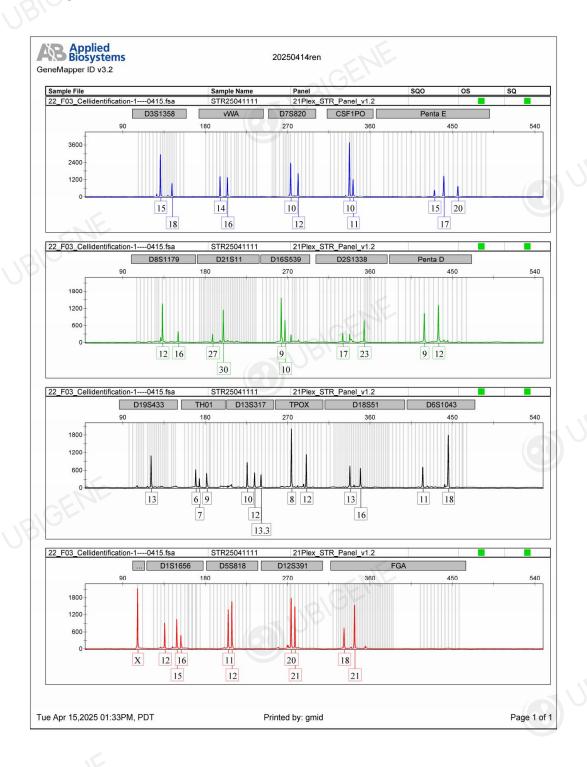
PENTAE	15	17	20.0		
D19S433	13	13			
PENTAD	9	12		ENE	
D1S1656	12	15	16.0		

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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