(1) UBIGER

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

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Online Inquiry

1. Cell Name: NCI-H146

- 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:

. sample ge	ene genotype	e analysis resu	III.				
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25052111			STR profile for Cell Bank cell Cell name: NCI-H146			
	D5S818	12	12	JUBIC	12	12	
D13S317	11	12		11	12		
D7S820	9	10		9	10	- IBIGH	
D16S539	11	11		11	11		
VWA	14	16		14	16		
TH01	6	9.3		6	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	11		8	11		
CSF1PO	11	12	UBIC	11	12		
D12S391	18.3	25					
FGA	23	23				NIBION	
D2S1338	19	19			(8)		
D21S11	30	30					
D18S51	15	17					
D8S1179	12	14					

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					((0)	
D3S1358	G 11	11				
D6S1043	11	19				
PENTAE	12	12	. C	ENE		
D19S433	13	14	UBIC			
PENTAD	13	13				-E1
D1S1656	11	16				* I IBIO

4. Conclusion: The STR results of <u>NCI-H146</u> cells are consistent with the genotypes of <u>NCI-H146</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_1473</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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