(1) UBIGER

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

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1. Cell Name: Hth83

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	loci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25032007			STR profile for Cell Bank cell Cell name: HTh83			
	D5S818	12	12	JUBIC	12	12	
D13S317	11	13		11	13		
D7S820	12	12		12	12	- IBIGE	
D16S539	11	12		11	12		
VWA	16	19		16	19		
TH01	6	9		6	9		
AMEL	Х	Υ		Х	Y		
TPOX	8	8	.0	8	8		
CSF1PO	11	11	UBIC	11	11		
D12S391	22	24				a E I	
FGA	23	23				* I IBIO	
D2S1338	19	25			(2)		
D21S11	28	32.2					
D18S51	12	14					
D8S1179	13	17					

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D3S1358	17	17			
D6S1043	12	12			
PENTAE	7	12	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	14	14			-E1
D1S1656	15	17.3			* I IBIO

4. Conclusion: The STR results of <u>Hth83</u> cells are consistent with the genotypes of <u>Hth83</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_0046</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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