(1) UBIGER

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

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1. Cell Name: NCI-H838

- 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: STR25012010			STR profile for Cell Bank cell Cell name: NCI-H838 [H838]			
	D5S818	11	11	JUBIC	11	11	
D13S317	8	8		8	8	-51	
D7S820	9	9		9	9	- IBIGE	
D16S539	9	12		9	12		
VWA	17	17		17	17		
TH01	G 7	7		7	7		
AMEL	Х	Х		Х	Х		
TPOX	8	11		8	11		
CSF1PO	10	10	Angle	10	10		
D12S391	21	21				a E.	
FGA	22.2	22.2				NIBIO	
D2S1338	18	18			(0)		
D21S11	32.2	32.2					
D18S51	12	12					
D8S1179	13	16					

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					((0)	
D3S1358	15	15				
D6S1043	11	11				
PENTAE	5	12	. C	ENE		
D19S433	15.2	15.2	UBIC			
PENTAD	11	11				-E1
D1S1656	12	12				* I IBIO

4. Conclusion: The STR results of <u>NCI-H838</u> cells are consistent with the genotypes of <u>NCI-H838</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5844</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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