(1) UBIGER

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

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1. Cell Name: SW837

- 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	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR24092507			STR profile for Cell Bank cell Cell name: SW837 [SW-837]			
	D5S818	12	12	JUBIC	12	12	
D13S317	13	13		13	13		
D7S820	9	12		9	12	- IBIGE	
D16S539	12	12		12	12		
VWA	15	16		15	16		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	9		8	9		
CSF1PO	10	10	UBIC	10	10		
D12S391	21	24				CE!	
FGA	25	25				* I IBIO	
D2S1338	24	24			(2)		
D21S11	28	31					
D18S51	17	17					
D8S1179	8	14					

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D3S1358	18	18			
D6S1043	12	12			
PENTAE	11	12	. C	ENE	
D19S433	13	13	UBIC		
PENTAD	9	11			-E1
D1S1656	13	18.3			* I IBIO

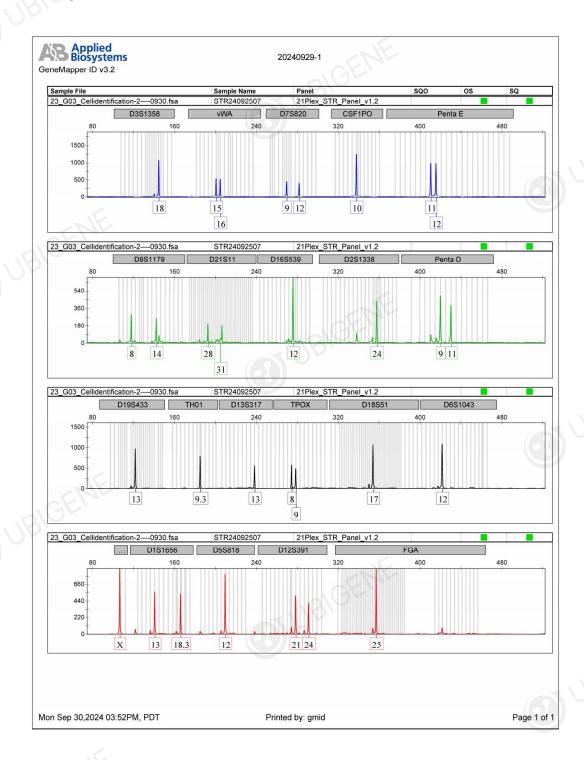
4. Conclusion: The STR results of <u>SW837</u> cells are consistent with the genotypes of <u>SW837</u> cell lines in <u>ATCC</u> database, the cell ID corresponded to <u>CCL-235</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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