(1) UBIGER

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

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1. Cell Name: AC16

- 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:

	Genotype	e analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: AC16-SBK			STR profile for Cell Bank cell Cell name: AC16 [Human hybrid]			
	D5S818	9	11	JUBIC	9	11	
D13S317	12	13		12	13	-51	
D7S820	10	11	12.0	10	11	12.0	
D16S539	11	13		11	13		
VWA	16	18		16	18		
TH01	7	8	9.3	7	8	9.3	
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	9	11	12.0	9	11	12.0	
D12S391	18	21				CE!	
FGA	21	25				* IJBIOL	
D2S1338	20	23			(2)		
D21S11	32.2	32.2					
D18S51	12	17					
D8S1179	14	15					

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D3S1358	17	18			
D6S1043	14	17			
PENTAE	7	7	. C	ENE	
D19S433	15	15.2	UBIC		
PENTAD	3	9			-E1
D1S1656	12	12			* I IBIOL

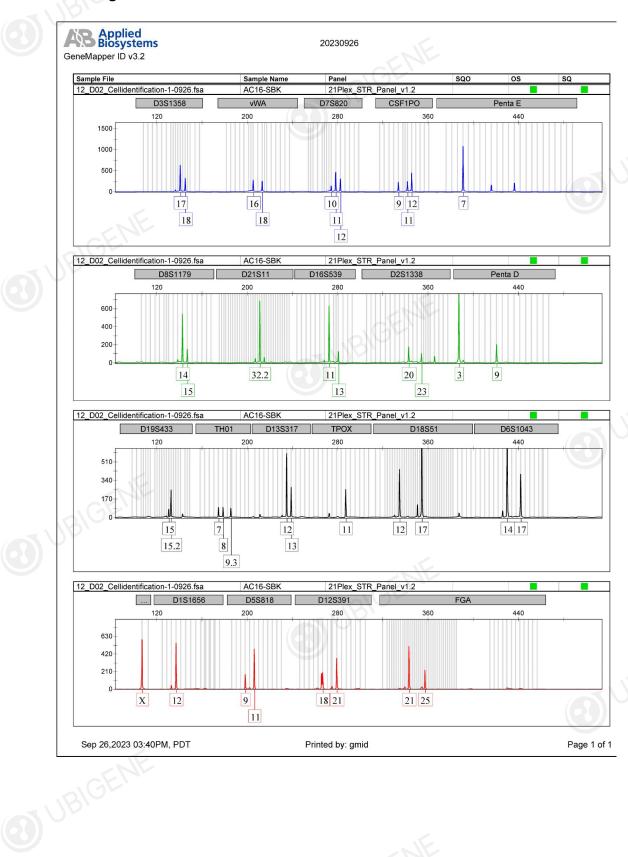
4. Conclusion: The STR results of <u>AC16</u> cells are consistent with the genotypes of <u>AC16</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_4U18</u>, and the STR results <u>completely matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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