(1) UBIGER

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

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1. Cell Name: SNU-16

- 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: STR25030701			STR profile for Cell Bank cell		
				Cell name: SNU-16		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	13	NBIC	10	13	
D13S317	8	12		8	12	
D7S820	12	12		12	12	-1181GE
D16S539	11	13		11	13	
VWA	16	16		16	16	
TH01	6	9		6	9	
AMEL	Х	Х		Х	Х	
TPOX	11	11		11	11	
CSF1PO	12	12	UBIC	12	12	
D12S391	17	17				CE!
FGA	23	23				* I IBIO
D2S1338	18	19			(2)	
D21S11	29	33.2				
D18S51	14	16				
D8S1179	14	14				

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D3S1358	15	16			
D6S1043	18	20			
PENTAE	11	17	. C	ENE	
D19S433	13	15.2	UBIC		
PENTAD	9	12			75
D1S1656	13	15			- IBIO

4. Conclusion: The STR results of <u>SNU-16</u> cells are consistent with the genotypes of <u>SNU-16</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5974</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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