(1) UBIGER

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

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Online Inquiry

1. Cell Name: JEG-3

- 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	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR24103103			STR profile for Cell Bank cell Cell name: JEG-3			
	D5S818	10	11	NBIC	10	11	
D13S317	9	11		9	11	-61	
D7S820	10	12		10	12	- IBIGE	
D16S539	13	14		13	14		
VWA	16	16		16	16		
TH01	9	9.3		9	9.3		
AMEL	Х	Υ		Х	Υ		
TPOX	8	8		8	8		
CSF1PO	11	12	UBIC	11	12		
D12S391	17	24				a E	
FGA	23	24				NIBION	
D2S1338	24	24					
D21S11	30	30					
D18S51	14	14					
D8S1179	12	12					

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D3S1358	15	16			
D6S1043	11	11			
PENTAE	8	12	. C	ENE	
D19S433	13	15	UBIC	, -	
PENTAD	9	12			-E1
D1S1656	14	16			* IBIO

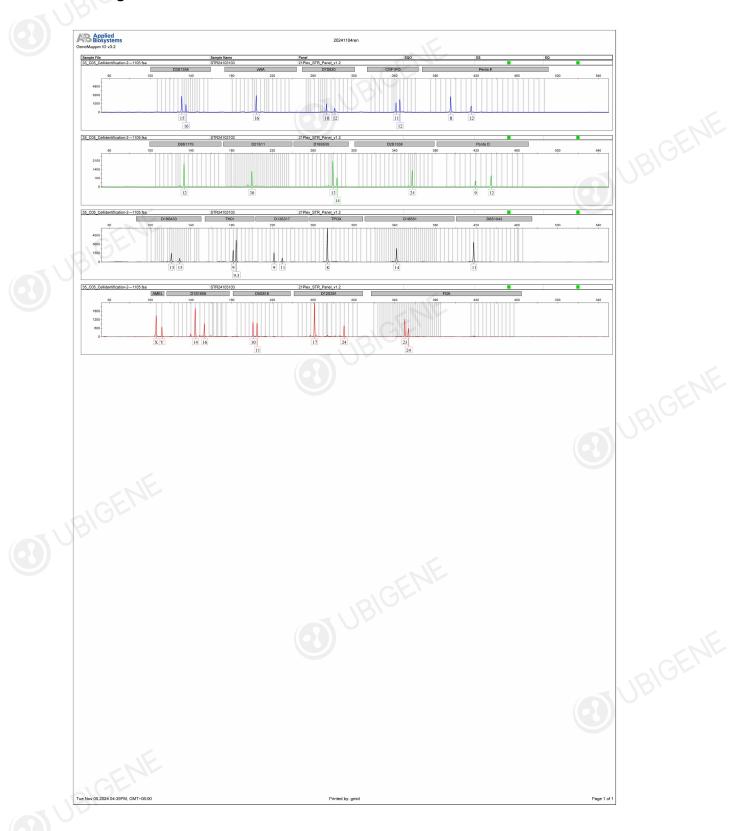
4. Conclusion: The STR results of <u>JEG-3</u> cells are consistent with the genotypes of <u>JEG-3</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-463</u>, and the STR results <u>completely matched</u>. In the test, **No multi allele was found** in this cell line.

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5. Attached Image



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