(1) UBIGER

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

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1. Cell Name: MKN-74

- 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 results of STR and Amelogenin loci in cells								
STR Loci	STR profile for Sample cell Cell name: STR25031420			STR profile for Cell Bank cell Cell name: MKN74				
								Allele1
	D5S818	11	11	JUBIC	11	11		
D13S317	11	11		11	11			
D7S820	9	9		9	9	IBIGE		
D16S539	9	11		9	11			
VWA	16	20		16	20			
TH01	6	6		6	6			
AMEL	Х	Х		Х	Х			
TPOX	8	11	. C	8	11			
CSF1PO	12	12	OI UBIC	12	12			
D12S391	18	21				aE'		
FGA	23	23				NBIGH		
D2S1338	18	23			(8)			
D21S11	32.2	33.2						
D18S51	12	12						
D8S1179	11	16						

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D3S1358	16	16			
D6S1043	13	13			
PENTAE	11	14		ENE	
D19S433	13	15.2	UBIC		
PENTAD	9	9			-E1
D1S1656	16	16			* I IBIO

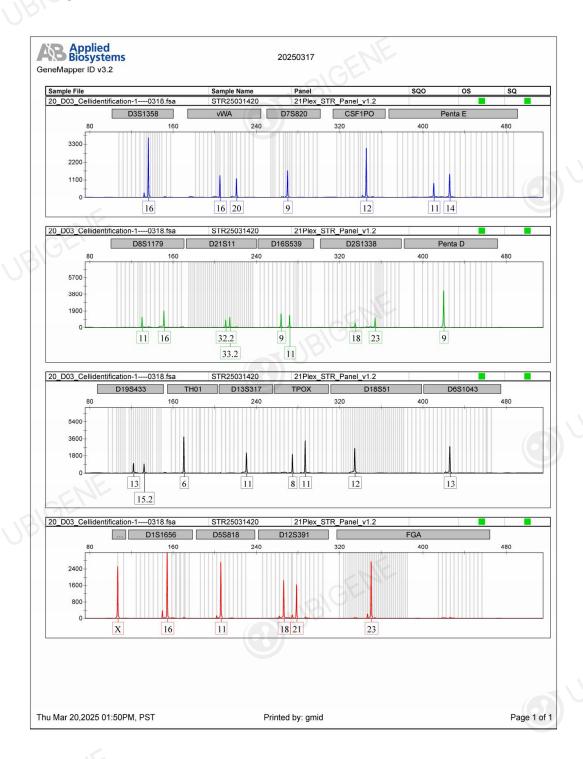
4. Conclusion: The STR results of <u>MKN-74</u> cells are consistent with the genotypes of <u>MKN-74</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>JCRB0255</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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