(1) UBIGER

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

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1. Cell Name: MKN1

- 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: STR25031430			STR profile for Cell Bank cell Cell name: MKN1			
	D5S818	11	11	JUBIC	11	11	
D13S317	10	12		10	12		
D7S820	10	10		10	10	-11BIGE	
D16S539	11	12		11	12		
VWA	16	16		16	16		
TH01	9	9		9	9		
AMEL	Х	Х		Х	Х		
TPOX	8	8		8	8		
CSF1PO	9	12	UBIC	9	12		
D12S391	18	18				aE'	
FGA	20	23				NIBION	
D2S1338	22	22					
D21S11	29	29					
D18S51	13	16					
D8S1179	14	14					

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D3S1358	15	17			
D6S1043	14	14			
PENTAE	21	21	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	10	10			a E l
D1S1656	11	16			* IBIO

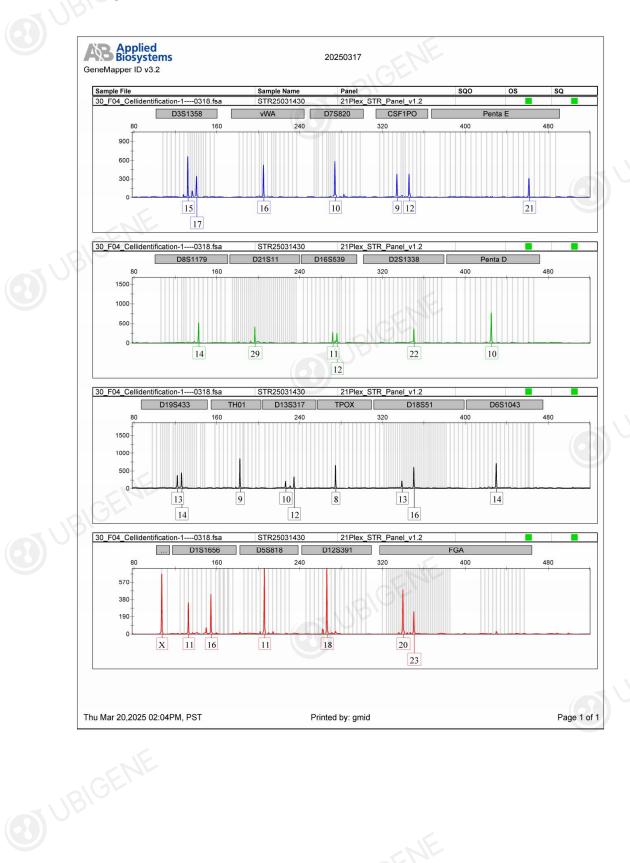
4. Conclusion: The STR results of <u>MKN1</u> cells are consistent with the genotypes of <u>MKN1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>JCRB0252</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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