(1) UBIGER

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

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

Online Inquiry

1. Cell Name: MM.1R

- 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: STR25031405			STR profile for Cell Bank cell Cell name: MM.1R			
	D5S818	8	12	NBIC	8	12	
D13S317	13	13		13	13		
D7S820	10	11		10	11	- IBIGE	
D16S539	12	12		12	12		
VWA	15	17		15	17		
TH01	7	8		7	8		
AMEL	Х	Х		Х	Х		
TPOX	8	8	. 0	8	8		
CSF1PO	9	14	UBIC	9	14		
D12S391	17	24				aE'	
FGA	20	24				NIBION	
D2S1338	21	22					
D21S11	29	30					
D18S51	GE 11	16					
D8S1179	14	14					

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D3S1358	16	17			
D6S1043	14	19			
PENTAE	13	15	. C	ENE	
D19S433	13	13	UBIC		
PENTAD	3	9			-E1
D1S1656	11	12			NIBIO

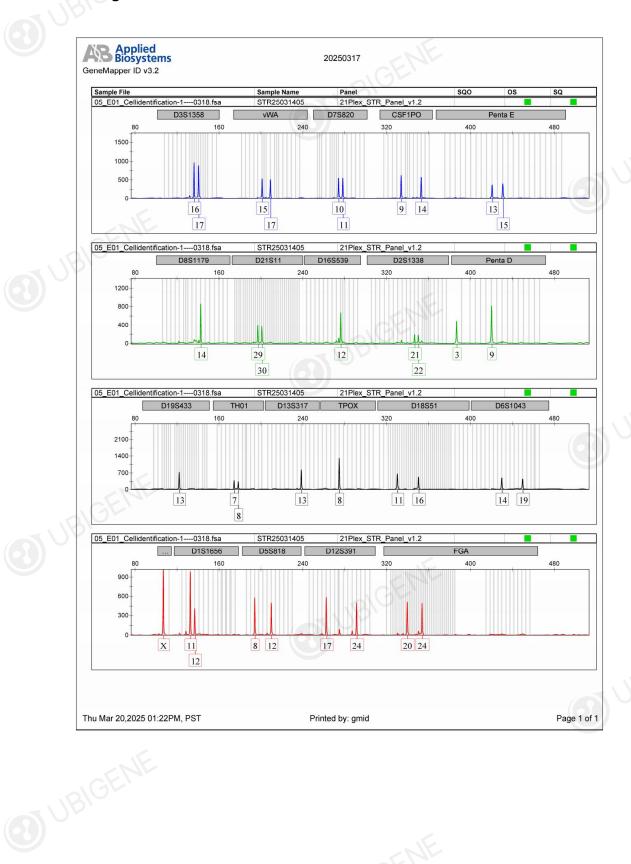
4. Conclusion: The STR results of <u>MM.1R</u> cells are consistent with the genotypes of <u>MM.1R</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-2975</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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