## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

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.
- 3. Sample gene genotype analysis result:

	the ABI 3730 ene genotype						
	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25031405			Cell name: MM.1R			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	8	12	- IBIC	8	12		
D13S317	13	13		13	13		
D7S820	10	11		10	11	11BIGE	
D16S539	12	12		12	12		
VWA	15	17		15	17		
TH01	G 7	8		7	8		
AMEL	Х	Х		Х	Х		
TPOX	8	8		8	8		
CSF1PO	9	14	UBIC	9	14		
D12S391	17	24				-57	
FGA	20	24				- IBIOT	
D2S1338	21	22			(6)		
D21S11	29	30					
D18S51	GE 11	16					
D8S1179	14	14					
D3S1358	16	17		CNE			
D6S1043	14	19	-11810				

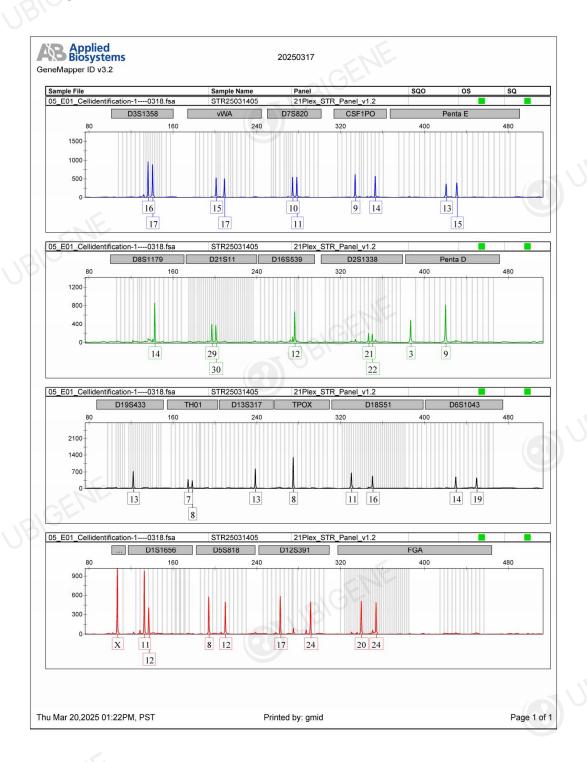
PENTAE	13	15			
D19S433	13	13			
PENTAD	3	9		ENE	
D1S1656	11	12	BIC		

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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