STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: MuM2B

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.

		XL Genetic A analysis resu					
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25031418			Cell name: MuM-2B			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	12	- IBIC	11	12		
D13S317	11	11		11	11		
D7S820	12	12		12	12	, IBIGE	
D16S539	12	12		8	12		
VWA	16	17		16	17		
TH01	8	9.3		8	9.3		
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	10	11	JUBIC	10	11		
D12S391	17	22				-51	
FGA	20	21				- IBIGE	
D2S1338	24	25			(3)		
D21S11	30	30					
D18S51	15	15					
D8S1179	13	13					
D3S1358	16	16		CNE			
D6S1043	11	12	-11810				

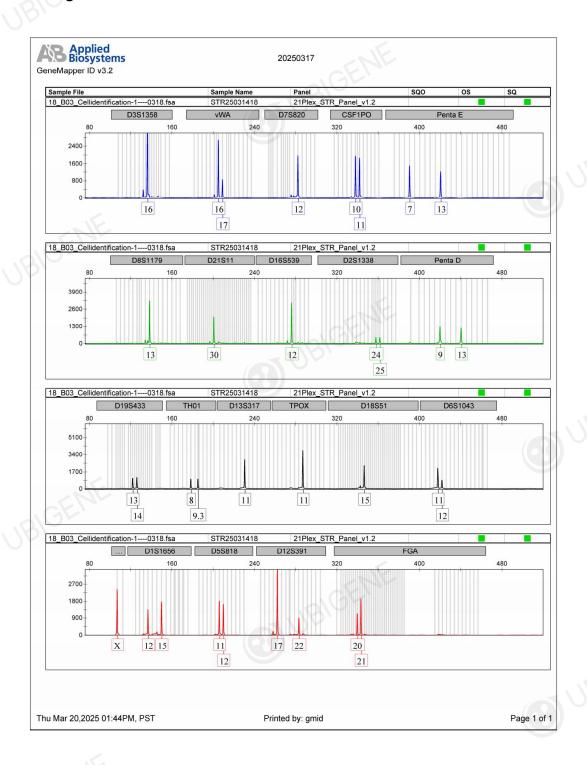
PENTAE	GE 7	13			
D19S433	13	14			
PENTAD	9	13		ENE	
D1S1656	12	15	BIC		

4. Conclusion: The STR results of <u>MuM2B</u> cells are consistent with the genotypes of <u>MuM2B</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_3447</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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