STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: U-138 MG

- 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	e 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: STR25031429			Cell name: U-138MG			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	- IBIC	11	11		
D13S317	9	9		9	11		
D7S820	9	9		9	9	"BIGE,	
D16S539	12	13		12	13		
VWA	18	18		18	18		
TH01	6	6		6	6		
AMEL	Х	Y		Х	Y		
TPOX	8	8		8	8		
CSF1PO	11	12	UBIC	11	12		
D12S391	19	22				73-	
FGA	23	23				- IBIGE	
D2S1338	23	25			(3		
D21S11	27	32.2					
D18S51	13	13					
D8S1179	14	15					
D3S1358	15	15		ENE			
D6S1043	12	12	-11810				

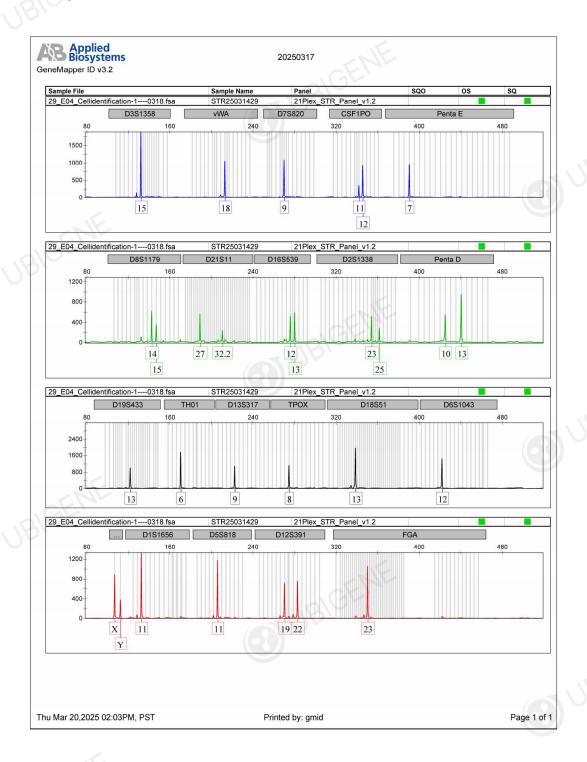
PENTAE	GE 7	7			
D19S433	13	13			
PENTAD	10	13		ENE	
D1S1656	11	11	JUBIC		

4. Conclusion: The STR results of <u>U-138 MG</u> cells are consistent with the genotypes of <u>U-138 MG</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CVCL_0020</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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