(1) UBIGER

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

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1. Cell Name: MOLT4

- 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:

	Genoty	pe analysis	results of S	TR and Amel	ogenin loci	in cells	7
	DIGERY	STR profile fo	or Sample ce	STR profile for Cell Bank cell Cell name: MOLT-4			
STR Loci		Cell name	e: MOLT-4				
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
D5S818	12	12		BIG	12	12	
D13S317	12	13	(3)		12	13	73-
D7S820	8	10	11.0		8	10	11.0
D16S539	11	14			11	14	
VWA	17	18			17	18	
TH01	6	8			6	8	
AMEL	Х	Υ			Х	Y	
TPOX	8	8		GEN	8	8	
CSF1PO	11	12	13.0	1810	11	12	13.0
D12S391	16	17	18.0	19.0			-ET
FGA	22	23	24.0	25.0			IBIO
D2S1338	23	24				(3)	
D21S11	28	29	30.0	31.0			
D18S51	13	17					
D8S1179	9	14					

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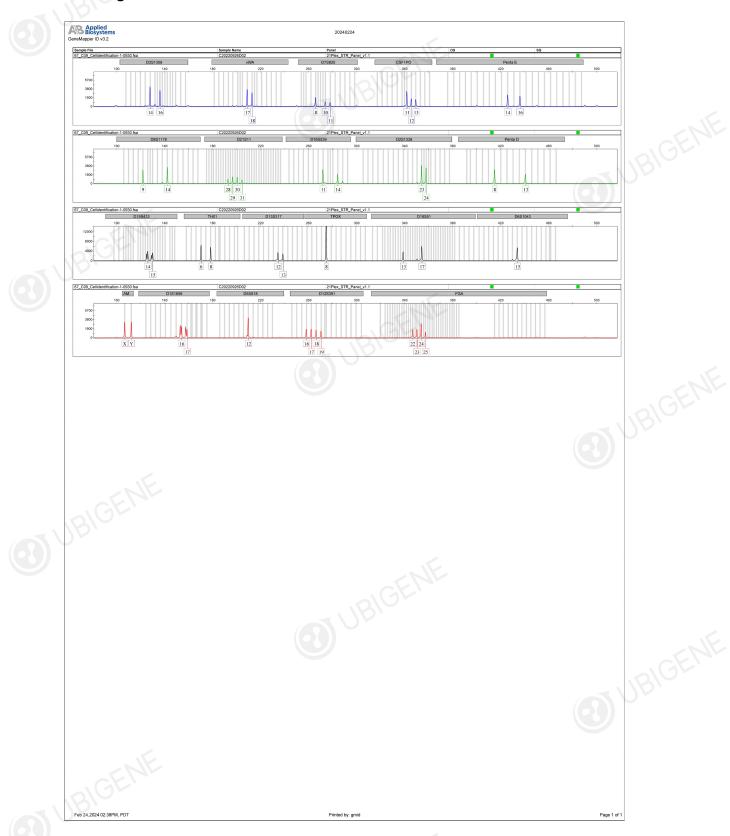
D3S1358	14	16			
D6S1043	15	15			
PENTAE	14	16	GEN		
D19S433	14	15	JBIO		
PENTAD	8	13			75
D1S1656	16	17			IBIO

4. Conclusion: The STR results of <u>MOLT4</u> cells are consistent with the genotypes of <u>MOLT4</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1582</u>, and the STR results <u>completely 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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