(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: YAC-1

- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 20- 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 Ame	logenin loci	in cells	
STR Loci	GENS	TR profile fo	or Sample cel	STR profile for Cell Bank cell Cell name: YAC-1			
		Cell name: S	TR25012023				
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
18-3	18.0			1810	18.0		
4-2	21.3				21.3		-51
6-7	12.0				12.0		IBIGE
19-2	12.0	13.0			12.0	13.0	
1-2	17.0	18.0			17.0	18.0	
7-1	25.2				25.2		
8-1	16.0				16.0		
1-1	11.0			GEN	11.0		
3-2	14.0			Blo	14.0		
2-1	16.0				16.0		CE!
15-3	22.3				22.3		1)BIO
6-4	18.0				18.0	(3)	
13-1	16.2	17.2			16.2	17.2	
11-2	15.0				15.0		
17-2	16.0				16.0		

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12-1	16.0			16.0	
5-5	16.0			16.0	
X-1	26.0		GEN	26.0	
TH01			JBIO		
D5S818					a E N

Note: The cell lines were compared with the STR data of cell lines from ATCC, DSMZ, JCRB and RIKEN databases, the cell lines not included in the above cell banks could not be matched. D4S2408 and TH01 in the above sites is a human site, which is used to detect whether the cell is contaminated by human sources.

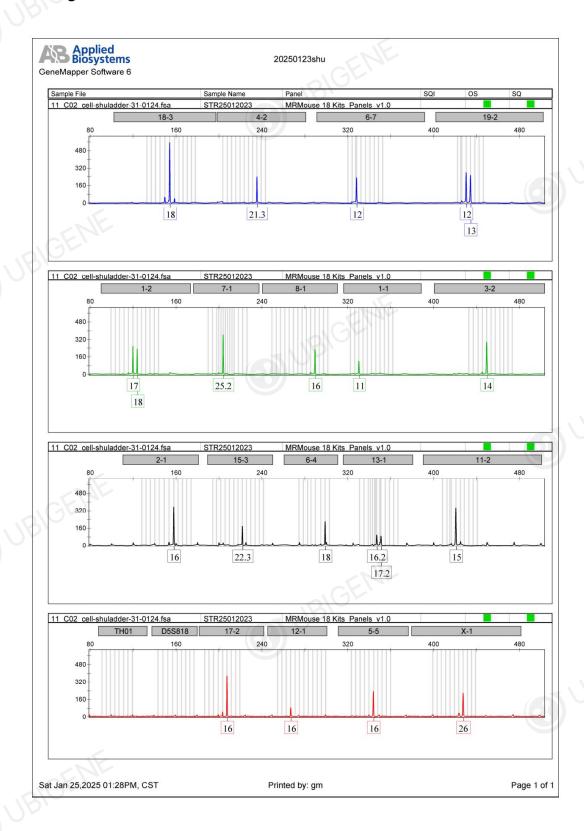
4. Conclusion: This cell line is identified as a mouse cell line. The STR results of <u>YAC-1</u> cells are consistent with the genotypes of <u>YAC-1</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_2244</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found in this cell line, and there was no human source contamination in this cell line.</u>

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5. Attached Image



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