(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

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1. Cell Name: SV40 MES 13

- 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.
- 3. Sample gene genotype analysis result:

	Genot	vne analysis	results of ST	R and Amel	ngenin loci	in cells		
	Genotype analysis results of STR and Amelo STR profile for Sample cell Cell name: STR24103120				STR profile for Cell Bank cell Cell name: SV40 MES 13			
STR Loci								
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3	
18-3	16.0			IBIGE,	16.0			
4-2	20.3				20.3			
6-7	12.0				12.0		18101	
19-2	13.0							
1-2	13.0	19.0						
7-1	25.2							
8-1	16.0							
1-1	17.0			GEN				
3-2	14.0			7BIO.				
2-1	9.0	16.0					a C	
15-3	22.3				22.3		UBIO.	
6-4	15.1				15.1			
13-1	16.2	17.1						
11-2	16.0							
17-2	15.0							

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· Gene-editing cell lines	CRISPR screen	• EZ-editor™	series products
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12-1	17.0			17.0		
5-5	14.0	17.0		14.0	17.0	
X-1	28.0		GEN	28.0		
TH01			JBIO			
D5S818						CET

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.

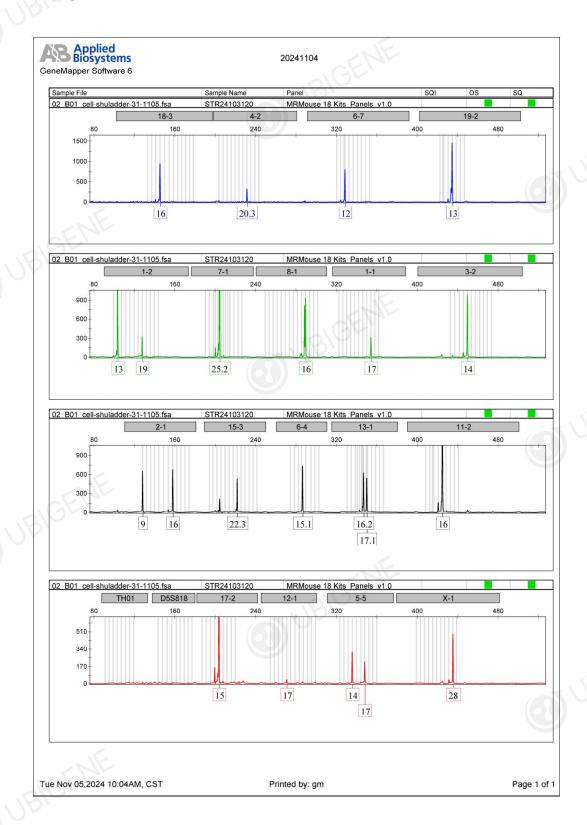
4. Conclusion: This cell line is identified as a mouse cell line. The STR results of **SV40 MES**13 cells are consistent with the genotypes of **SV40 MES** 13 cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_5368**, and the STR results **completely matched**. In the test, **No multi allele was found in this cell line, and there was no human source contamination** in this cell line.

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5. Attached Image



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