

STR Authentication Report For Cell Line

O) UBIGENE

1. Cell Name: SP2/0 [Sp2/0-Ag14]

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

	Genoty	vpe analysis	results of ST	R and Amelo	ogenin loci	in cells	UP
	NE		or Sample cell	STR profile for Cell Bank cell Cell name: Sp2/0-Ag14			
STR Loci	6.0	Cell name: S	TR25032726				
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
18-3	17.0	18.0	19.0	20.0	18.0	19.0	
4-2	21.3	22.3			21.3	22.3	
6-7	12.0	13.0			11.0	12.0	BIGE
19-2	13.0	14.0			12.0	13.0	0 F
1-2	16.0	17.0	20.0		16.0	17.0	19.0
7-1	26.2	28.0			26.2	28.0	
8-1	13.0				13.0		
1-1	16.0			GENE	15.0	16.0	17.0
3-2	13.0	15.0		BIU	13.0	14.0	
2-1	16.0		8		16.0		-F
15-3	22.3	23.3			22.3	23.3	BIGL
6-4	17.0	18.0	19.0		17.0	18.0	19.0
13-1	16.2	17.2			16.2	17.2	
11-2	17.0	18.0			17.0	18.0	
17-2	16.0	17.0			16.0	17.0	
12-1	15.0	16.0	17.0	ENE	15.0	16.0	17.0
5-5	13.0	14.0		BIOL	13.0	14.0	

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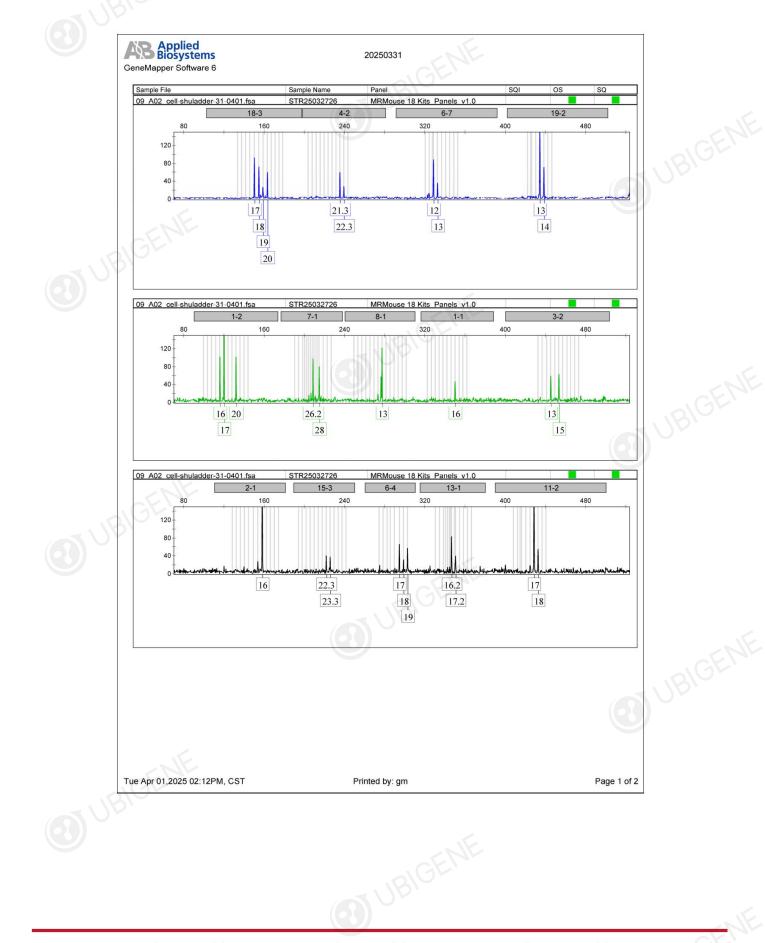
X-1	25.0			25.0	
TH01	0.				
D5S818			CEN	5	

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.

Conclusion: This cell line is identified as a mouse cell line. The STR results of <u>SP2/0</u>
[Sp2/0-Ag14] cells are consistent with the genotypes of <u>SP2/0 [Sp2/0-Ag14]</u> cell lines in
<u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_2199</u>, and the STR results <u>basically</u> <u>matched</u>. In the test, <u>Multi allele was found</u> in this cell line.



5. Attached Image



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