

STR Authentication Report For Cell Line

O) UBIGENE

1. Cell Name: E0771

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

	Ger	notype anal	ysis results	s of STR and	d Ameloge	nin loci in (cells		
STR Loci	S-S-	TR profile fo	or Sample c	ell	STR profile for Cell Bank cell Cell name: EO771				
	Bio	Cell nam	ne: E0771						
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3	Allele4	
18-3	16.0	17.0	18.0	BI	16.0	17.0	18.0		
4-2	21.3	22.3	24.3	8	21.3	22.3	24.3		
6-7	15.0	16.0			15.0	16.0		BIGE	
19-2	13.0				13.0				
1-2	19.0	20.0	22.0		19.0	20.0	22.0		
7-1	25.2	26.2			25.2	26.0	26.2		
8-1	16.0				16.0				
1-1	17.0	18.0	19.0		17.0	18.0	19.0		
3-2	14.0	15.0		UBI	14.0	15.0			
2-1	16.0	18.0		2	16.0	18.0		E	
15-3	22.3	23.3	25.3		22.3	23.3		BIGE	
6-4	18.0	19.0	20.0		18.0	19.0	20.0	21.0	
13-1	17.1	18.1			17.0	18.0			
11-2	15.3	16.3			15.3	16.3			
17-2	14.0	15.0	16.0		15.0	16.0	17.0		
12-1	17.0	18.0			17.0	18.0			
5-5	17.0	21.0		. 181	17.0	21.0	22.0		

1

Ĩ

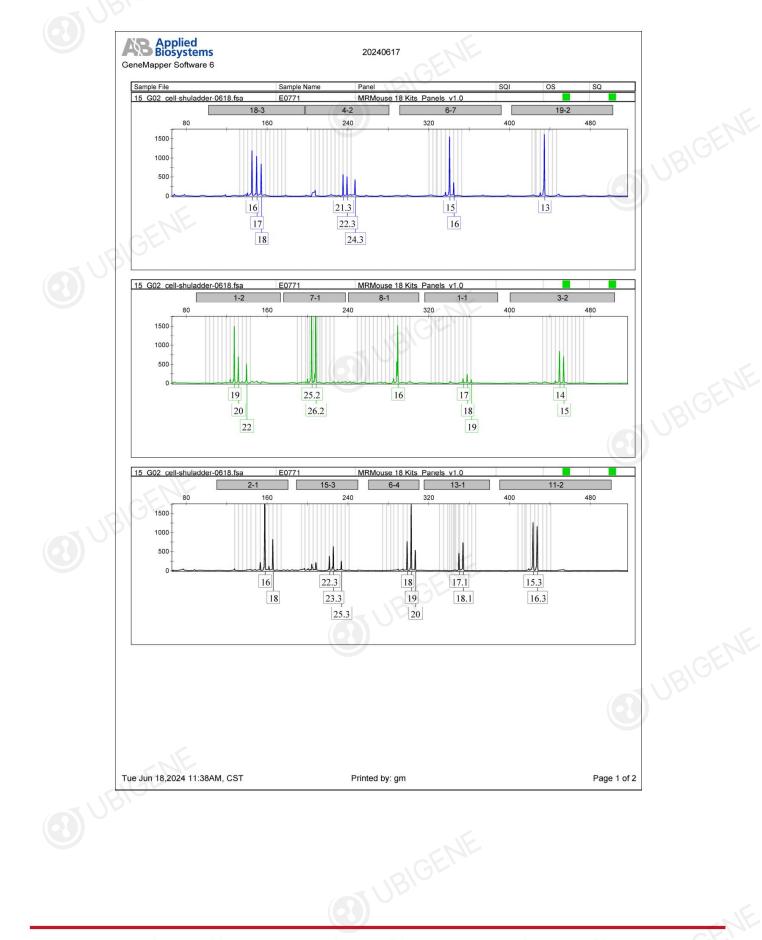


X-1	26.0	29.0		27.0	29.0	
TH01	JO.					
D5S818				ENE		

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>E0771</u> cells are consistent with the genotypes of <u>E0771</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_GR23</u>, and the STR results <u>basically matched</u>. In the test, <u>Multiple alleles were found, no cross-contamination, no human contamination</u> in this cell line.

5. Attached Image



Gene-editing cell lines | CRISPR Library Microorganisms | EZ-editor™ series products

