

STR Authentication Report For Cell Line

O) UBIGENE

1. Cell Name: LLC

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	pe analysis	results of ST	R and Amel	ogenin loci	in cells	
STR Loci	GENES	TR profile fo	or Sample cell	STR profile for Cell Bank cell Cell name: LL/2 (LLC1)			
	D.	Cell name	: LLC-ZKY				
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
18-3	15.0	16.0		BIOL	15.0	16.0	
4-2	21.3	23.3			21.3	23.3	_
6-7	15.0				15.0		BIGE
19-2	13.0				13.0		Ur I
1-2	18.0	19.0			18.0	19.0	20.0
7-1	27.2				26.2	27.2	28.2
8-1	16.0	17.0			16.0	17.0	
1-1	15.0	16.0	17.0	18.0	15.0	17.0	18.0
3-2	13.0	14.0		JBIU	13.0	14.0	
2-1	16.0		8		15.0	16.0	
15-3	24.3	25.3	26.3		24.3	25.3	26.3
6-4	18.0				18.0		
13-1	18.0				17.0	18.0	
11-2	13.3	14.3	15.3		13.3	14.3	15.3
17-2	14.0	15.0			14.0	15.0	16.0
12-1	17.0			EN	17.0		
5-5	16.0	17.0		BIGL	16.0	17.0	

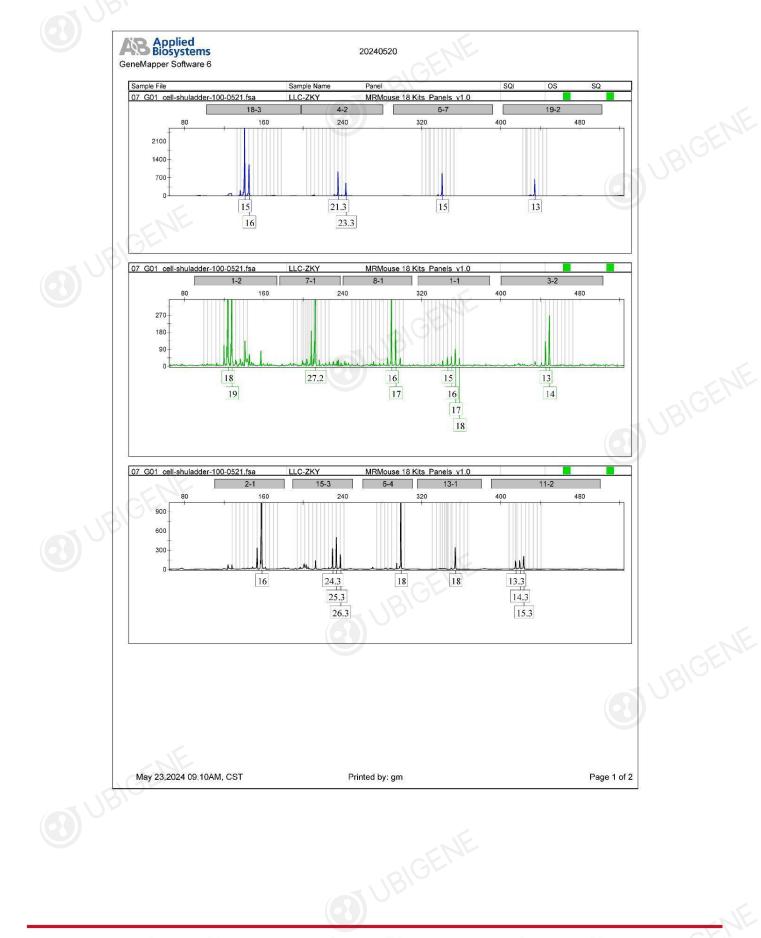
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X-1	25.0	26.0		25.0	25.3	
TH01	0.					
D5S818			CEN	1		

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>LLC</u> cells are consistent with the genotypes of <u>LL/2 (LLC1)</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_4358</u>, and the STR results <u>basically matched</u>. In the test, <u>No 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

