O UBIGENE **STR Authentication Report For Cell Line**

(B) UBIGENE

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1. Cell Name: H22

- 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:

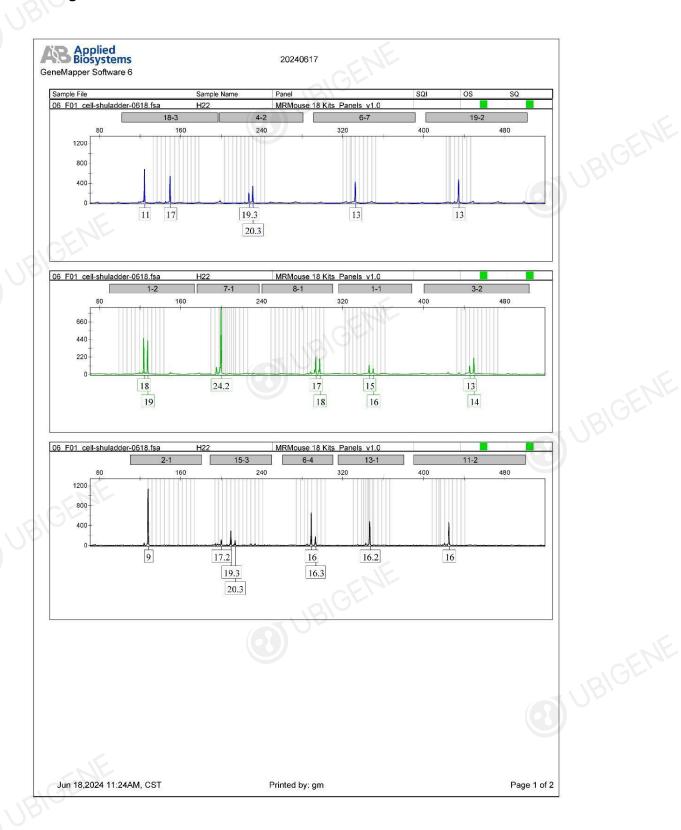
							0
	Genot	ype analysis	results of S	ΓR and Amel	ogenin loci	in cells	
STR Loci	GER	STR profile fo	or Sample cel	STR profile for Cell Bank cell Cell name: H22			
		Cell nar	me: H22				
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
18-3	11.0	17.0		1810	11.0	17.0	
4-2	19.3	20.3	(3)		19.3	20.3	
6-7	13.0				13.0		. IBIGH
19-2	13.0						Or
1-2	18.0	19.0					
7-1	24.2						
8-1	17.0	18.0					
1-1	15.0	16.0		CEN			
3-2	13.0	14.0		1810			
2-1	9.0						
15-3	17.2	19.3	20.3		19.3	20.3	, IBIGI
6-4	16.0	16.3			15.3	16.3	
13-1	16.2						
11-2	16.0						
17-2	13.0	15.0					
12-1	17.0			- N	17.0		
5-5	14.0		Α.	BIGE,	14.0		

X-1	25.0			25.0	
TH01					
D5S818			CENT		

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 H22 cells are consistent with the genotypes of H22 cell lines in EXPASY database, the cell ID corresponded to CVCL_7256, and the STR results basically matched. In the test, human contamination in this cell line.

5. Attached Image





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