STR Authentication Report For Cell Line

Tel: +86 153 6067 3248(Int'l)
US Toll free: 855 777 3210
EU Toll free: 800 3272 9252
Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com
Web: www.ubigene.us
Online Inquiry

1. Cell Name: 12Z

2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.

3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells						
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: STR25041129			Cell name: 12Z		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	12	13		12	13	
D7S820	9	12		9	12	
D16S539	13	13		13	13	
VWA	17	17		17	17	
TH01	9	9.3		9	9.3	
AMEL	X	X		X	X	
TPOX	11	12		11	12	
CSF1PO	11	13		11	13	
D12S391	19	24				
FGA	22	23				
D2S1338	19	19				
D21S11	28	30.2				
D18S51	13	15				
D8S1179	10	10				

Tel: +86 153 6067 3248(Int'l)
US Toll free: 855 777 3210
EU Toll free: 800 3272 9252
Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com
Web: www.ubigene.us
💬 Online Inquiry

D3S1358	14	17				
D6S1043	11	11				
PENTAE	11	12				
D19S433	13	14				
PENTAD	9	12				
D1S1656	11	13				

4. Conclusion: The STR results of **12Z** cells are consistent with the genotypes of **12Z** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_0Q73** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

Applied Biosystems   20250414ren
GeneMapper ID v3.2

Sample File	Sample Name	Panel	SQO	OS	SQ
40_H05_Cellidentification-1----0415.fsa	STR25041129	21Plex_STR_Panel_v1.2			

D3S1358 vWA D7S820 CSF1PO Penta E

40_H05_Cellidentification-1----0415.fsa   STR25041129   21Plex_STR_Panel_v1.2

D8S1179 D21S11 D16S539 D2S1338 Penta D

40_H05_Cellidentification-1----0415.fsa   STR25041129   21Plex_STR_Panel_v1.2

D19S433 TH01 D13S317 TPOX D18S51 D6S1043

40_H05_Cellidentification-1----0415.fsa   STR25041129   21Plex_STR_Panel_v1.2

... D1S1656 D5S818 D12S391 FGA

Tue Apr 15,2025 01:44PM, PDT   Printed by: gmid   Page 1 of 1