## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

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:

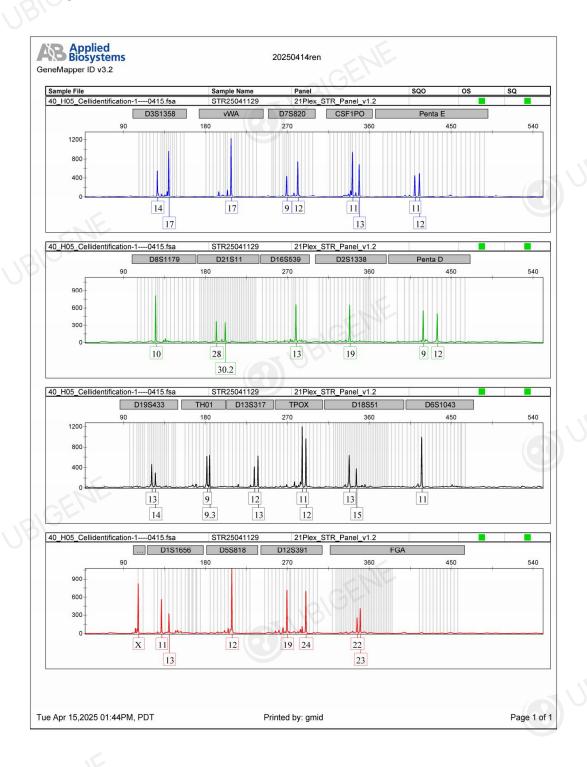
		XL Genetic A analysis resu					
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25041129			Cell name: 12Z			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	12	12	-11B/C	12	12		
D13S317	12	13		12	13		
D7S820	9	12		9	12	, IBIGE	
D16S539	13	13		13	13		
VWA	17	17		17	17		
TH01	9	9.3		9	9.3		
AMEL	Х	Х		Х	Х		
TPOX	11	12		11	12		
CSF1PO	11	13	JUBIC	11	13		
D12S391	19	24				-51	
FGA	22	23				- IBIGE	
D2S1338	19	19			(3)		
D21S11	28	30.2					
D18S51	13	15					
D8S1179	10	10					
D3S1358	14	17		CNE			
D6S1043	11	11	-11810				

PENTAE	G 11	12			
D19S433	13	14			
PENTAD	9	12		ENE	
D1S1656	11	13	BIC		

4. Conclusion: The STR results of <u>12Z</u> cells are consistent with the genotypes of <u>12Z</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_0Q73</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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