Online Inquiry

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
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1. Cell Name: 2V6.11

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: 2V6.11-P			Cell name:		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	8	9		8	9	
D13S317	12	14		12	14	
D7S820	11	11		11	11	
D16S539	9	13		9	13	
VWA	16	19		16	19	
TH01	7	9.3		7	9.3	
AMEL	X	X		X	X	
TPOX	11	11		11	11	
CSF1PO	7	11	12.0	7	11	12.0
D12S391	19	21				
FGA	23	23				
D2S1338	19	19				
D21S11	28	30.2				
D18S51	17	19				
D8S1179	12	14				

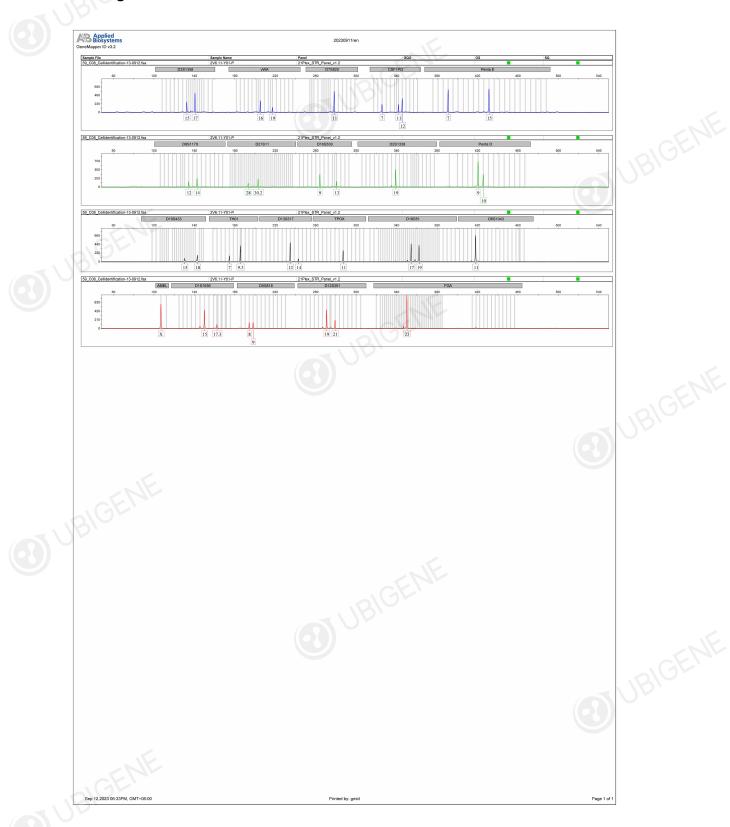| D3S1358	15	17			
D6S1043	11	11			
PENTAE	7	15			
D19S433	15	18			
PENTAD	9	10			
D1S1656	15	17.3			

4. Conclusion: The STR results of **2V6.11** cells are consistent with the genotypes of **2V6.11** cell lines in **DSMZ** database, the cell ID corresponded to **CVCL_6355** , and the STR results **basically matched**. In the test, **Multi allele was found** in this cell line.

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5. Attached Image