

UBIGEN

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## STR Authentication Report For Cell Line

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Gene-editing cell lines
CRISPR screen
EZ-editor™ series products

1. Cell Name: NCI-H2347

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

Sample ge	ene genotype	analysis lesi	uit.				
	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: STR25041126			Cell name: NCI-H2347 [H2347]			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	JBIC	11	11		
D13S317	12	14	8	12	14		
D7S820	10	11		10	11	BIGE	
D16S539	11	11		11	11		
VWA	16	19		16	19		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Х		х	Х		
ТРОХ	8	8		8	8		
CSF1PO	11	11	UBIC	11	11		
D12S391	19	20	8			-EI	
FGA	20	25				BIGH	
D2S1338	17	19			Q	)	
D21S11	31	31.2					
D18S51	6-12	19					
D8S1179	10	13					

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	-NE					
D3S1358	6 16	16			6	
D6S1043	14	14				
PENTAE	8	19		ENF		
D19S433	13	15	UBIC			
PENTAD	12	12	8			EP
D1S1656	16	17.3				BIOD
	•	•	•	•		

4. Conclusion: The STR results of <u>NCI-H2347</u> cells are consistent with the genotypes of <u>NCI-H2347</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5942</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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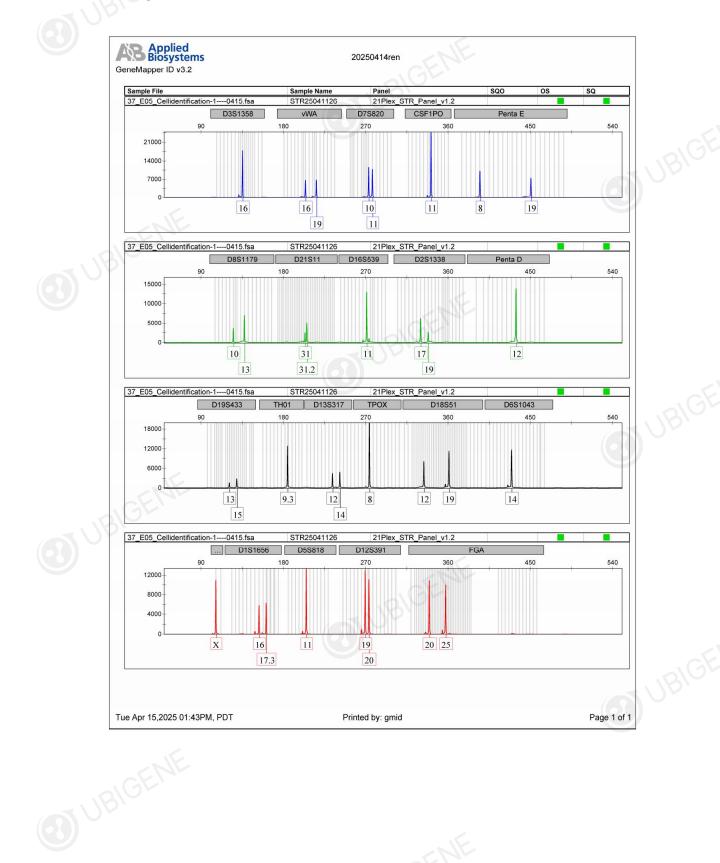
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## 5. Attached Image



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