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## STR Authentication Report For Cell Line

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Gene-editing cell lines
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1. Cell Name: NCI-H3122 [H3122]

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

	ene genotype	,			6	UP'
	Genotype	analysis resu	ults of STR and	Amelogenin l	oci in cells 🔍	
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: STR25032010			Cell name: NCI-H3122		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12	UBIC	11	12	
D13S317	10	12	8	10	12	
D7S820	8	12		8	12	BIGE
D16S539	11	12		11	12	
VWA	16	16		16	16	
TH01	GE 7	9.3		7	9.3	
AMEL	Х	х		х	Х	
ΤΡΟΧ	10	10	. (	10	10	
CSF1PO	11	12	UBIC	11	12	
D12S391	21	21	8			-EN
FGA	18	21				BIGH
D2S1338	17	23			Q	
D21S11	28	29				
D18S51	13	16				
D8S1179	13	15				

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	-NE					
D3S1358	6 16	16			9	
D6S1043	12	12				
PENTAE	12	12	. 0	ENE		
D19S433	14	14	UBIC			
PENTAD	10	13	9			-ET
D1S1656	13	15				BIOL

4. Conclusion: The STR results of **NCI-H3122 [H3122]** cells are consistent with the genotypes of **NCI-H3122 [H3122]** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL\_5160**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

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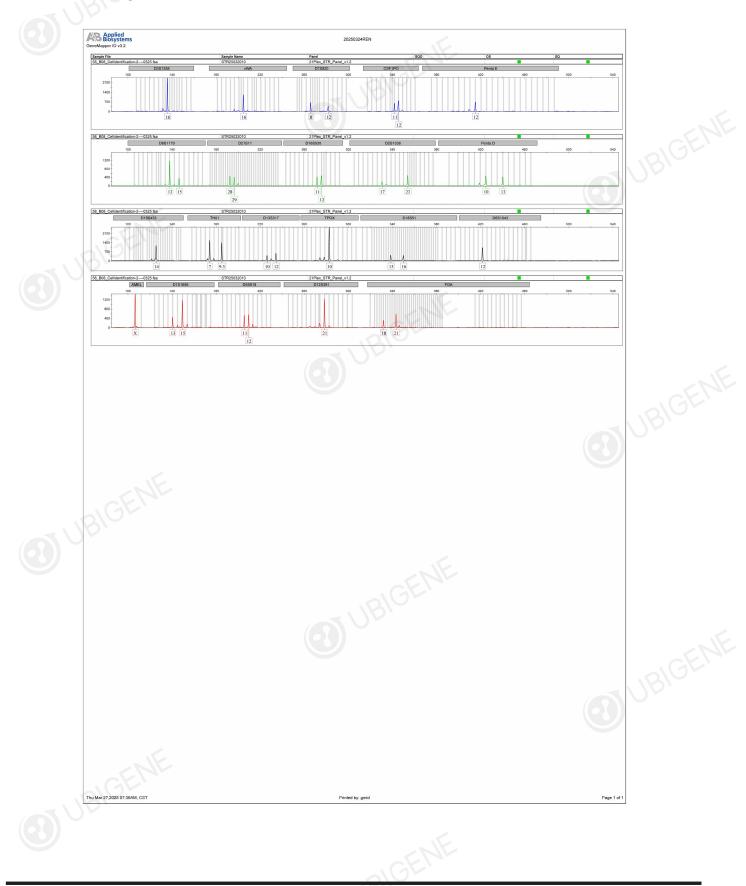
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## 5. Attached Image



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