

UBIGEN

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## STR Authentication Report For Cell Line

<u>LGENE</u>

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Gene-editing cell lines
CRISPR screen
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1. Cell Name: SNU-182

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 lest	urt.				
	Genotype	analysis resu	Ilts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25032712			Cell name: SNU-182			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	12	BIC	11	12		
D13S317	11	14	8	11	14		
D7S820	11	11		11	11	BIGE	
D16S539	11	13		11	13		
VWA	17	17		17	17		
TH01	9	9		9	9		
AMEL	Х	Y		x	Y		
ТРОХ	8	11	. 0	8	11		
CSF1PO	10	12	UBIC	10	12		
D12S391	20	20	8			-E	
FGA	22	24				BIGH	
D2S1338	18	18			0	)	
D21S11	29	34.2					
D18S51	6 16	16					
D8S1179	10	10					

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D3S1358	G 16	18			9		
D6S1043	14	14					
PENTAE	20	20		ENF			
D19S433	13	14	UBIC				
PENTAD	9	9	8			SEL	SF
D1S1656	15	15				BIOL	
		1	•				

Conclusion: The STR results of <u>SNU-182</u> cells are consistent with the genotypes of <u>SNU-182</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-2235</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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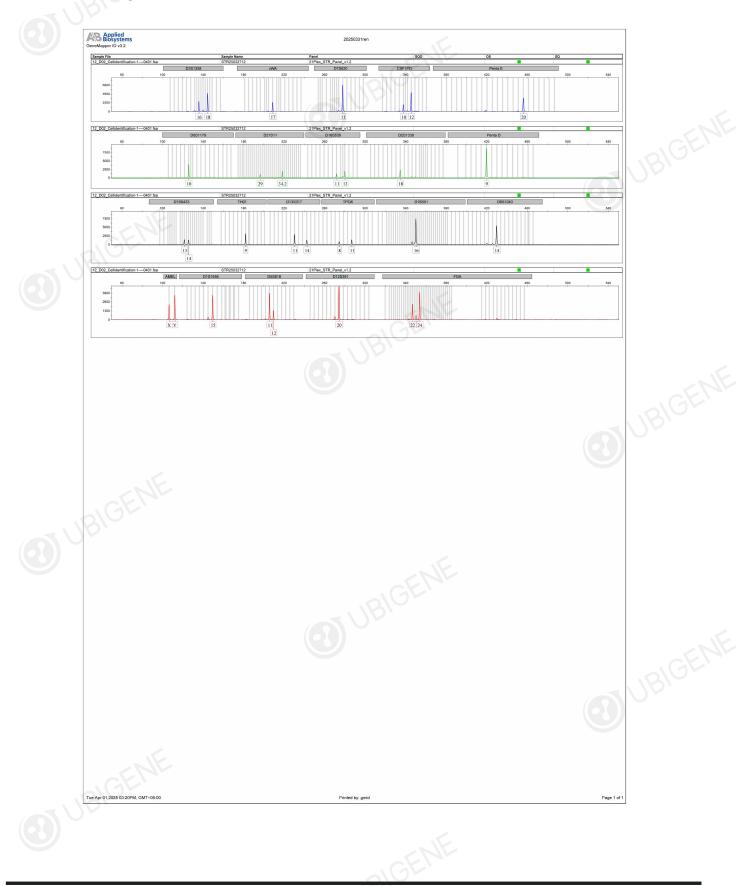
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## 5. Attached Image



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