

STR Authentication Report For Cell Line

O) UBIGENE

1. Cell Name: SNU-638

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

	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25031411			STR profile for Cell Bank cell Cell name: SNU-638			
	D5S818	10	13	14.0	10	14	
D13S317	10	10	8	10	10		
D7S820	9	10		9	10	BIGE	
D16S539	11	13		11	13		
VWA	14	19		14	19		
TH01	GE 7	7		7	7		
AMEL	Х	X		х	Х		
ΤΡΟΧ	8	11	. 0	8	11		
CSF1PO	10	12	UBIC	10	12		
D12S391	16	17	20.0			E	
FGA	17	27				BIOL	
D2S1338	18	22)	
D21S11	30.2	31					
D18S51	14	16					
D8S1179	11	13					
D3S1358	15	15		ENE			
D6S1043	12	18	BIC				

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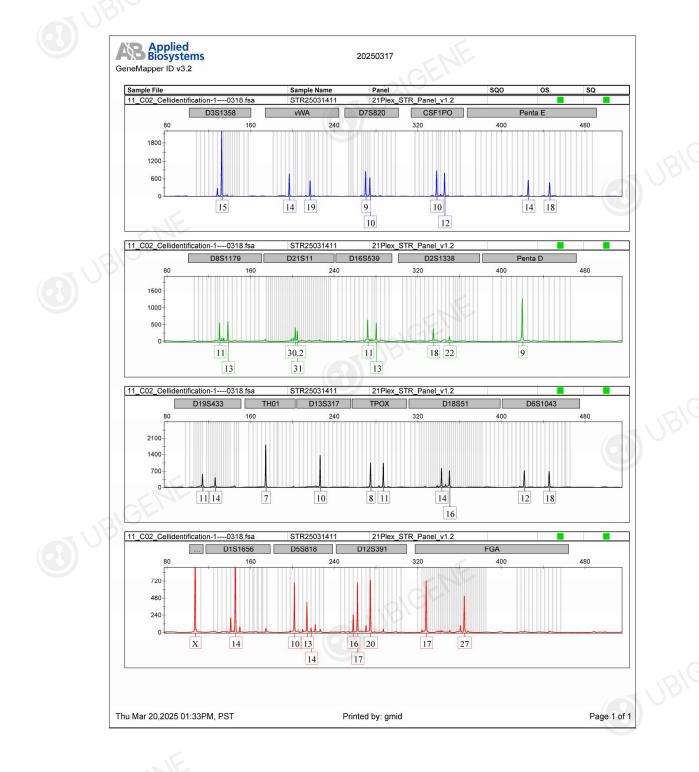
Gene-editing cell lines | CRISPR Library Microorganisms | EZ-editor™ series products

PENTAE	6-14	18				
D19S433	11	14				
PENTAD	9	9		ENE		
D1S1656	14	14	BIC			
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Conclusion: The STR results of <u>SNU-638</u> cells are consistent with the genotypes of <u>SNU-638</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>KCLB-Korea-638</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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