

UBIGEN

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STR Authentication Report For Cell Line

<u>LGENE</u>

J



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

1. Cell Name: Huh-1

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	e analysis res	ult:				
	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: STR25041119			Cell name: huH-1			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	10	13	BIC	10	13		
D13S317	10	12	8	10	12		
D7S820	11	11		11	11	BIGE	
D16S539	9	9		9	9 🔄		
VWA	17	18		17	18		
TH01	6	9		6	9		
AMEL	Х	Y		х	Y		
ТРОХ	8	11		8	11		
CSF1PO	11	11	UBI	11	11		
D12S391	19	19	8			-EI	
FGA	24	24				BIGH	
D2S1338	19	19			0)	
D21S11	33.2	33.2					
D18S51	16	16					
D8S1179	10	12					

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	NE					
D3S1358	6 16	17			((
D6S1043	12	19				
PENTAE	16	18	. 0	ENF		
D19S433	13	14	UBIC			
PENTAD	12	12	8			-EP
D1S1656	16	16				BIOD
				•		

4. Conclusion: The STR results of <u>Huh-1</u> cells are consistent with the genotypes of <u>Huh-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>JCRB0199</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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5. Attached Image



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