STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: FaDu

- 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 detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	the ABI 3730 ene genotype						
	Genotype	e analysis resu	llts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: FaDu-Y01-Z			Cell name: FaDu			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	12.0	12.0	- IBIC	12	12		
D13S317	8.0	9.0		8	9		
D7S820	11.0	12.0		11	12	, BIGE	
D16S539	11.0	11.0		11	11		
VWA	15.0	17.0		15	17		
TH01	8.0	8.0		8	8		
AMEL				Х	Х		
TPOX	11.0	11.0		11	11		
CSF1PO	12.0	12.0	UBIC	12	12		
D12S391	17.0	21.0				73-	
FGA	25.0	25.0				- IBIGE	
D2S1338	19.0	19.0			(2)		
D21S11	31.2	31.2					
D18S51	16.0	16.0					
D8S1179	13.0	13.0					
D3S1358	17.0	18.0		ENE			
D6S1043	11.0	12.0	-11810				

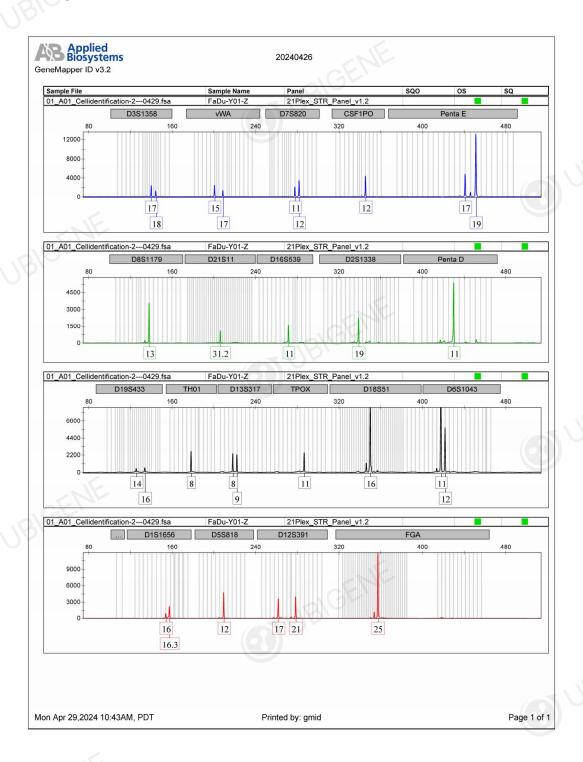
PENTAE	17.0	19.0			
D19S433	14.0	16.0			
PENTAD	11.0	11.0		ENE	
D1S1656	16.0	16.3	UBIC		

4. Conclusion: The STR results of <u>FaDu</u> cells are consistent with the genotypes of <u>FaDu</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-KCLB-Korea-30043</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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