(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

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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:

Genotype analysis results of STR and Amelogenin loci in cells								
STR Loci	STR profile for Sample cell Cell name: FaDu-Y01-Z			STR profile for Cell Bank cell Cell name: FaDu				
								Allele1
	D5S818	12.0	12.0	JUBIC	12	12		
D13S317	8.0	9.0		8	9	7.5		
D7S820	11.0	12.0		11	12	- I IBIGE		
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	.0	11	11			
CSF1PO	12.0	12.0	Angle	12	12			
D12S391	17.0	21.0				CE!		
FGA	25.0	25.0				* IJBIOT		
D2S1338	19.0	19.0			(2)			
D21S11	31.2	31.2						
D18S51	16.0	16.0						
D8S1179	13.0	13.0						

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D3S1358	17.0	18.0			
D6S1043	11.0	12.0			
PENTAE	17.0	19.0	. C	ENE	
D19S433	14.0	16.0	UBIC		
PENTAD	11.0	11.0			~E\
D1S1656	16.0	16.3			* I IBIO

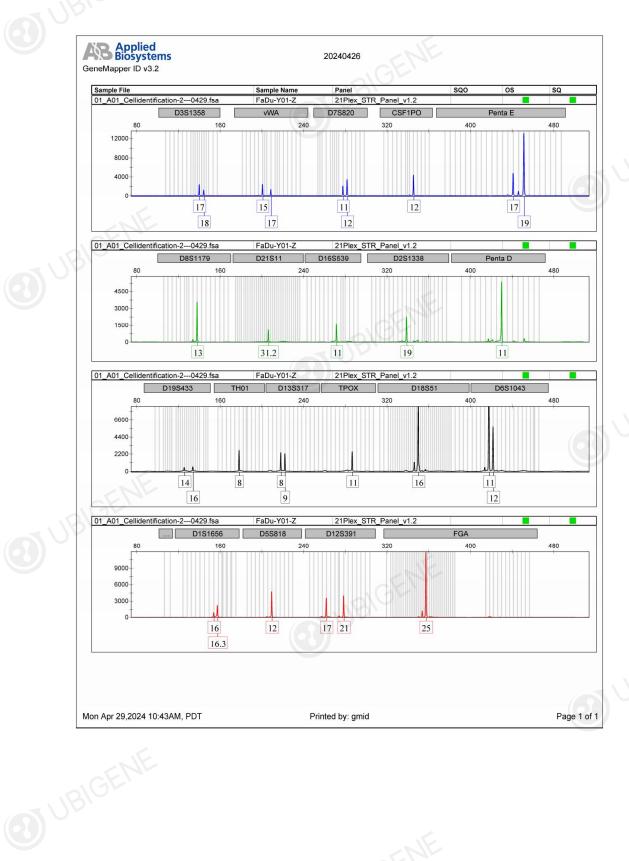
4. Conclusion: The STR results of <u>FaDu</u> cells are consistent with the genotypes of <u>FaDu</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-KCLB-Korea-30043</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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