STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: HCT-15

- 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:

		XL Genetic A analysis resu					
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: HCT-15			Cell name: HCT-15			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	13	13	TIBIC	13	13		
D13S317	8	11		8	11		
D7S820	10	12		10	12	I IBIGE	
D16S539	12	13		12	13		
VWA	18	19		18	19		
TH01	G 7	9.3		7	9.3		
AMEL	Х	Y		Х	Υ		
TPOX	8	11		8	11		
CSF1PO	11	12	JUBIC	12	12		
D12S391	19	22				-51	
FGA	22	22				- IBIGE	
D2S1338	17	25			(8)		
D21S11	29	32.2					
D18S51	CE 11	17					
D8S1179	15	15					
D3S1358	17	17		CNE			
D6S1043	11	13	-11810				

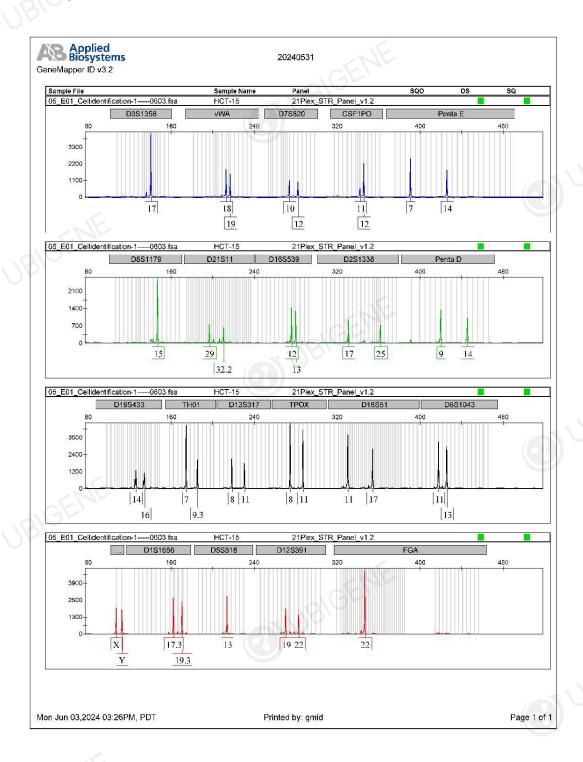
PENTAE	GE 7	14			
D19S433	14	16			
PENTAD	9	14		ENE	
D1S1656	17.3	19.3	UBIC		

4. Conclusion: The STR results of <u>HCT-15</u> cells are consistent with the genotypes of <u>HCT-15</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-357</u>, and the STR results <u>basically 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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