STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: 5637

- 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:

		OXL Genetic A e analysis res					
	Genotype	e 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: 5637			Cell name: 5637			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	12	- IBIC	11	12		
D13S317	11	11		11	11		
D7S820	10	11		10	11	, BIGE	
D16S539	9	9		9	9		
VWA	18	18		18	18		
TH01	G 7	9		7	9		
AMEL	Х	Х		Х	Υ		
TPOX	8	8		8	9		
CSF1PO	11	11	JUBIC	11	11		
D12S391	20	20				-51	
FGA	22	22				- IBIGE	
D2S1338	25	25					
D21S11	36	36					
D18S51	16	18					
D8S1179	10	10					
D3S1358	15	17		CNE			
D6S1043	16	20	-11810				

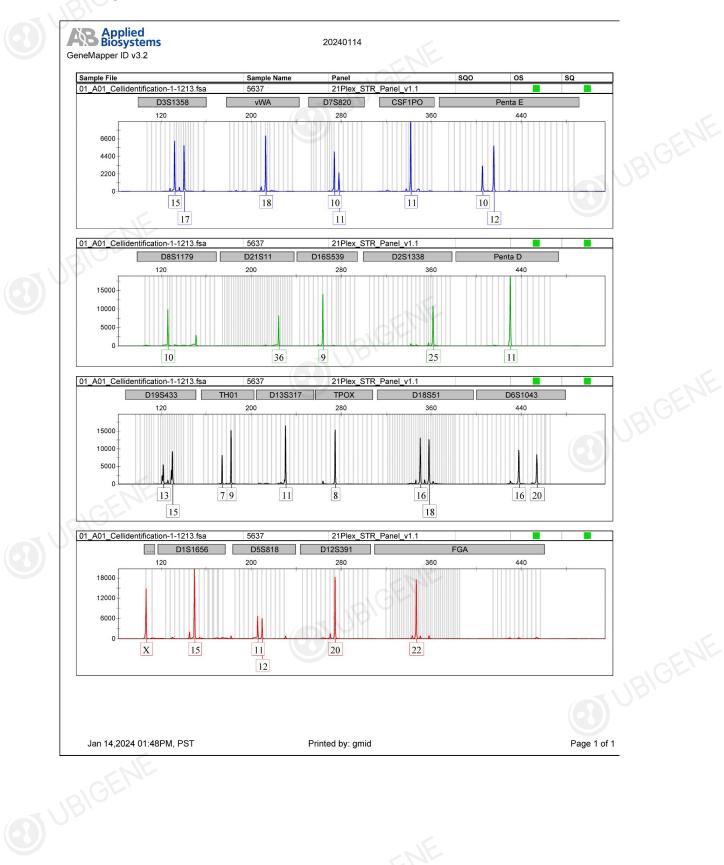
PENTAE	10	12			
D19S433	13	15			
PENTAD	11	11		ENE	
D1S1656	15	15	BIC		

4. Conclusion: The STR results of <u>5637</u> cells are consistent with the genotypes of <u>5637</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>35</u>, and the STR results <u>basically</u> <u>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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