(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: LS 174T

- 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. JUBIGEN
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: LS174T			STR profile for Cell Bank cell Cell name: LS174T			
	D5S818	11	16	UBIC	11	14	15.0
D13S317	10	10		10	10	-51	
D7S820	11	11		11	11	- IBIGE	
D16S539	11	13		11	13		
VWA	15	16	17.0	15	17	18.0	
TH01	6	7		6	7		
AMEL	Х	Х		Х	Х		
TPOX	8	9		8	9		
CSF1PO	10	13	UBIC	10	14		
D12S391	16	20				CE!	
FGA	20	21	22.0			* IBIO	
D2S1338	18	22			0		
D21S11	29	30	31.0				
D18S51	GE 11	13					
D8S1179	12	16					

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D3S1358	15	17			
D6S1043	12	13	14.0		
PENTAE	15	16	. C	ENE	
D19S433	14	15	UBIC		
PENTAD	10	10			a E I
D1S1656	12	13	18.3		IBIO

4. Conclusion: The STR results of <u>LS 174T</u> cells are consistent with the genotypes of <u>-</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_1384Worst</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

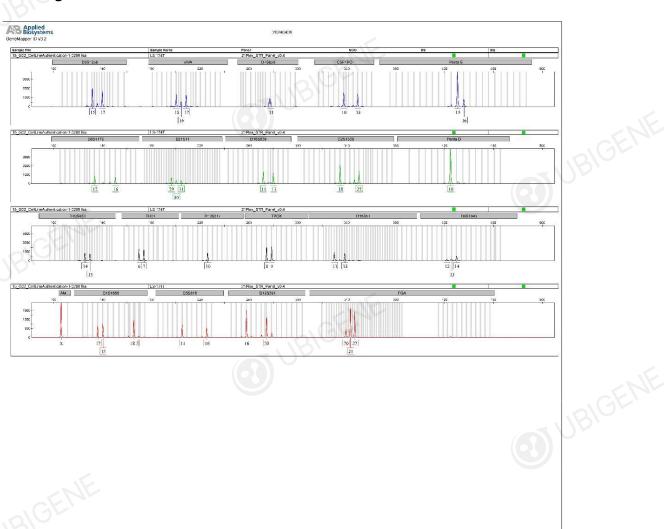
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5. Attached Image



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