(1) UBIGER

STR Authentication Report For Cell Line

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

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1. Cell Name: LoVo

- 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: LoVo			STR profile for Cell Bank cell Cell name: LoVo				
								Allele1
	D5S818	11	13	BIC	11	13		
D13S317	8	11		8	11			
D7S820	9.3	10	11.0	9.3	10	11.0		
D16S539	9	12		9	12			
VWA	17	18		17	18			
TH01	9.3	9.3		9.3	9.3			
AMEL	Х	Y		Х	Υ			
TPOX	8	9		8	9			
CSF1PO	10	13	14.0	11	13	14.0		
D12S391	20	22	23.0			-5		
FGA	18	20				- IBIGE		
D2S1338	17	18						
D21S11	29	31.2						
D18S51	13	17	18.0					
D8S1179	10	10						

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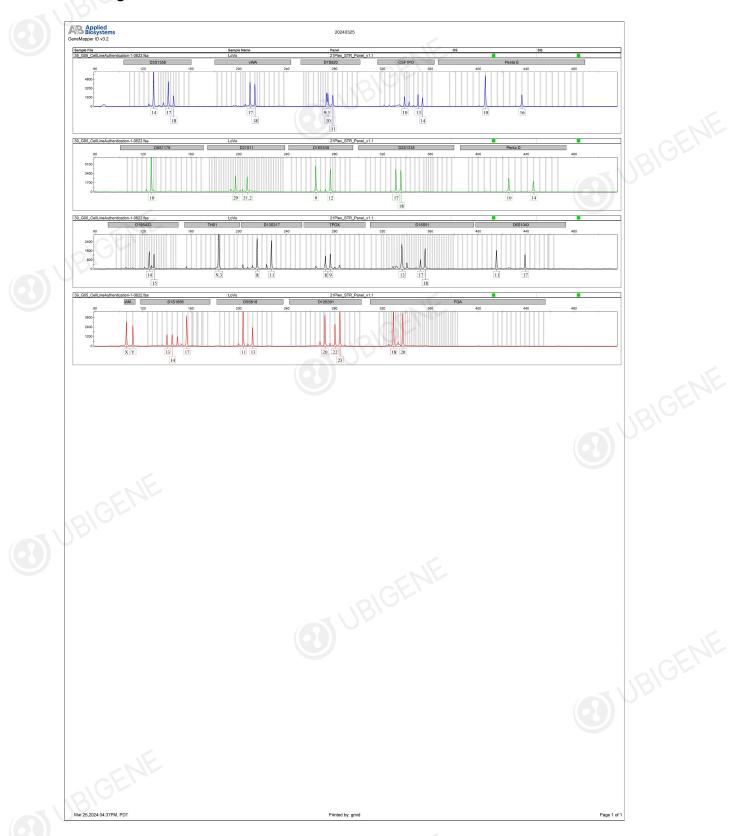
D3S1358	14	17	18.0		
D6S1043	11	17			
PENTAE	10	16	. C	ENE	
D19S433	14	15	UBIC	,	
PENTAD	10	14			251
D1S1656	13	14	17.0		* IBIO

4. Conclusion: The STR results of <u>LoVo</u> cells are consistent with the genotypes of <u>LoVo</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>IFO50067</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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Online Inquiry

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