(1) UBIGER

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

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1. Cell Name: LC-2/AD

- 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	e analysis resu	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR25052107			STR profile for Cell Bank cell Cell name: LC-2/ad			
	D5S818	10	10	NIBIC	10	10	
D13S317	10	12		10	12		
D7S820	11	11		11	11	-11BIGE	
D16S539	9	9		9	9		
VWA	16	19		16	19		
TH01	G 7	7		7	7		
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	10	11	ANBIG	10	11		
D12S391	17	22				CE!	
FGA	23	23				* I IBIO	
D2S1338	19	23			(2)		
D21S11	30	30					
D18S51	12	12					
D8S1179	13	14					

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D3S1358	15	15			(
D6S1043	14	14				
PENTAE	5	13	. C	ENE		
D19S433	13	13	UBIC			
PENTAD	10	10				~E\
D1S1656	16	18.3				* I IBIOL

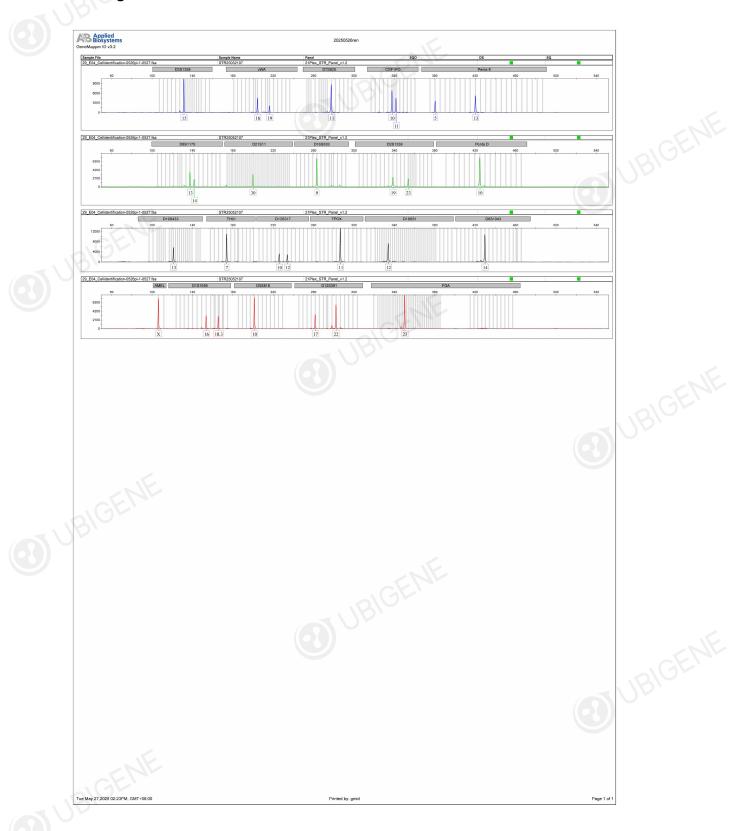
4. Conclusion: The STR results of <u>LC-2/AD</u> cells are consistent with the genotypes of <u>LC-2/AD</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>RCB0440</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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