(1) UBIGER

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

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1. Cell Name: NCM460

- 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: STR25032019			STR profile for Cell Bank cell Cell name: NCM460			
	D5S818	10	10	JUBIC	10	10	
D13S317	9	11		9	11		
D7S820	11	12		11	12	- IBIGE	
D16S539	9	11		9	11		
VWA	14	17		14	17		
TH01	6	7		6	7		
AMEL	Х	Υ		Х	Υ		
TPOX	8	11		8	11		
CSF1PO	9	12	UBIC	9	12		
D12S391	21	22		21	22	~E	
FGA	19	24		19	24	* I IBIO	
D2S1338	17	23		17	23		
D21S11	30	30		30	32.2		
D18S51	13	13		13	13		
D8S1179	13	16		13	16		

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D3S1358	16	16		16	16	
D6S1043	18	19		18	19	
PENTAE	18	20	. C	18	20	
D19S433	14	15.2	UBIC	14	15.2	
PENTAD	11	12		11	12	730
D1S1656	14	16		14	16	* IBIO

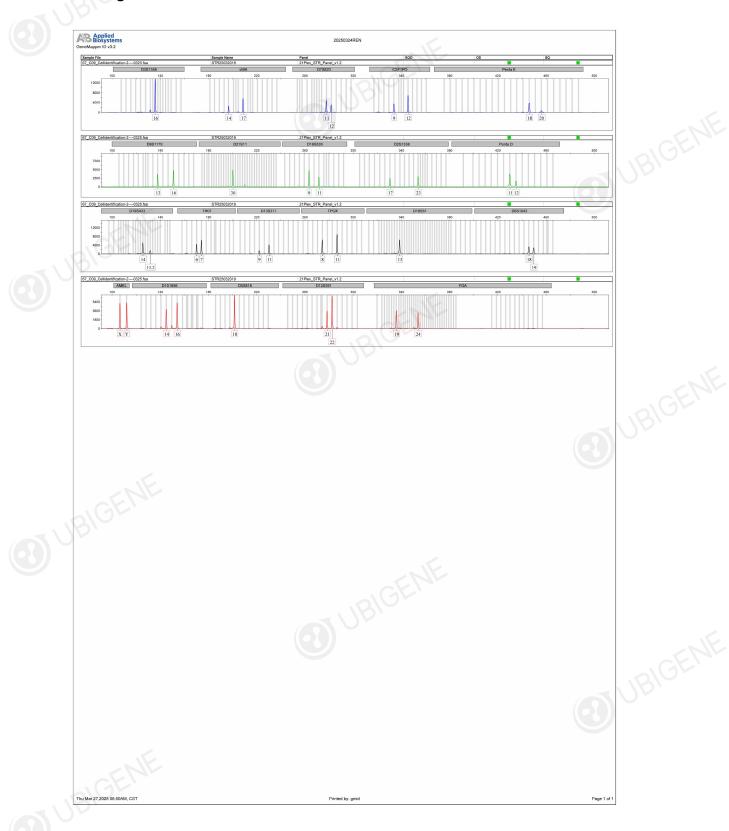
4. Conclusion: The results of cell STR of <u>NCM460</u> cells were <u>basically matched</u> with the control Human cell line <u>NCM460</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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