(1) UBIGER

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

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1. Cell Name: NCI-H524

- 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: STR25042502			STR profile for Cell Bank cell Cell name: NCI-H524 [H524]			
	D5S818	12	12	JUBIC	12	12	
D13S317	12	12		12	12		
D7S820	11	12		11	12	- IBIGE	
D16S539	12	12		12	12		
VWA	14	17		14	17		
TH01	8	9.3		8	9.3		
AMEL	Х	Х		Х	Х		
TPOX	8	10		8	10		
CSF1PO	12	12	UBIC	12	12		
D12S391	16	21				a E	
FGA	21	25				* I IBIOL	
D2S1338	16	17			(2)		
D21S11	29	30					
D18S51	12	12					
D8S1179	15	15					

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D3S1358	15	15			
D6S1043	11	13			
PENTAE	5	15	. C	ENE	
D19S433	16	16	UBIC		
PENTAD	12	13			-E1
D1S1656	16	16			* IBIO

4. Conclusion: The STR results of <u>NCI-H524</u> cells are consistent with the genotypes of <u>NCI-H524 [H524]</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5831</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

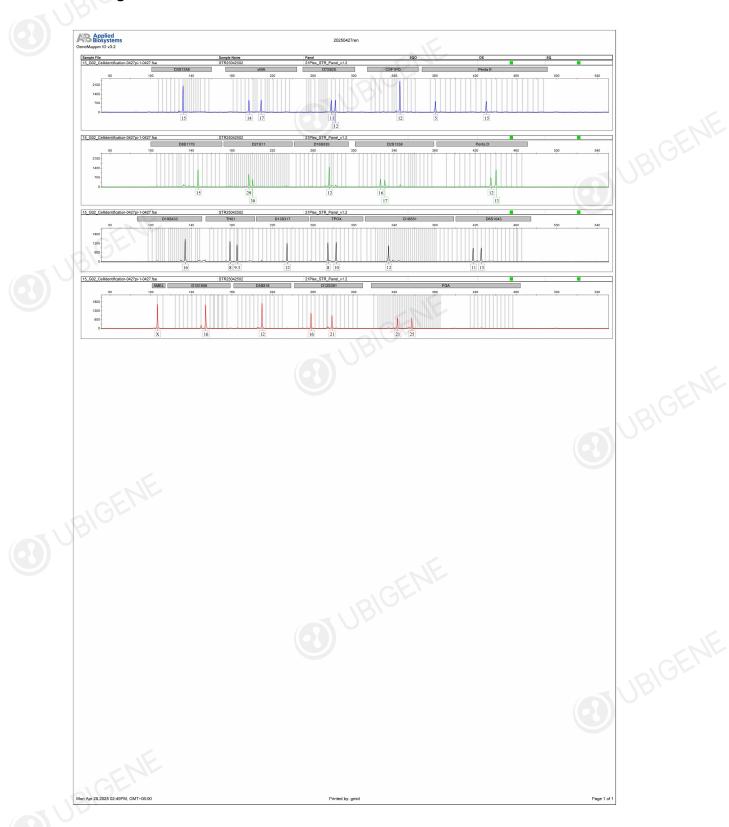
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## 5. Attached Image



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