STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: NCI-H522

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.

	the ABI 3730						
s. Sample ge	ene genotype	e analysis res	uit:		6	JUBIUS	
	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25041107			Cell name: NCI-H522 [H522]			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	- IBIC	11	11		
D13S317	10	10		10	10		
D7S820	9	10		9	10	BIGE	
D16S539	12	12		12	12		
VWA	17	17		17	17		
TH01	7	9.3		7	9.3		
AMEL	Х	Х		Х	Х		
TPOX	9	10		9	10		
CSF1PO	10	10	JUBIC	10	10		
D12S391	17	17				-51	
FGA	24	24				- IBIGE	
D2S1338	17	20					
D21S11	28	31.2					
D18S51	14	18					
D8S1179	12	13					
D3S1358	16	16		CNE			
D6S1043	12	12	-11810) -			

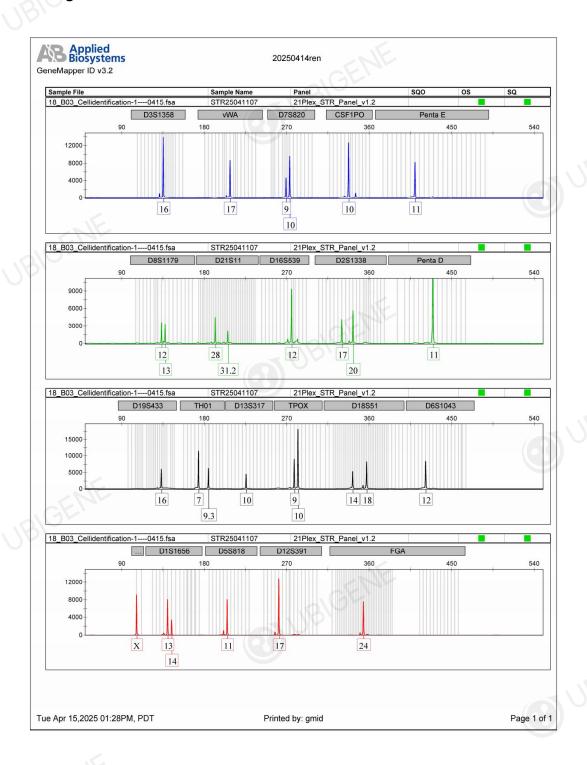
PENTAE	GE 11	11			
D19S433	16	16			
PENTAD	11	11		ENE	
D1S1656	13	14	NIBIC		

4. Conclusion: The STR results of <u>NCI-H522</u> cells are consistent with the genotypes of <u>NCI-H522</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5810</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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