STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: NCI-H1915

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.

		XL Genetic A analysis resu					
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25041118			Cell name: NCI-H1915			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	12	12	- IBIC	12	12		
D13S317	11	11		11	11		
D7S820	11	12		11	12	I IBIGE	
D16S539	9	9		9	9		
VWA	15	18		15	18		
TH01	6	9		6	9		
AMEL	Х	Х		Х	Х		
TPOX	8	11		8	11		
CSF1PO	11	11	JUBIC	11	11		
D12S391	18.3	19.3				-51	
FGA	20	20				- IBIGE	
D2S1338	17	24			(8)		
D21S11	27	27					
D18S51	CE 11	11					
D8S1179	10	10					
D3S1358	15	18		CNE			
D6S1043	12	12	-11810				

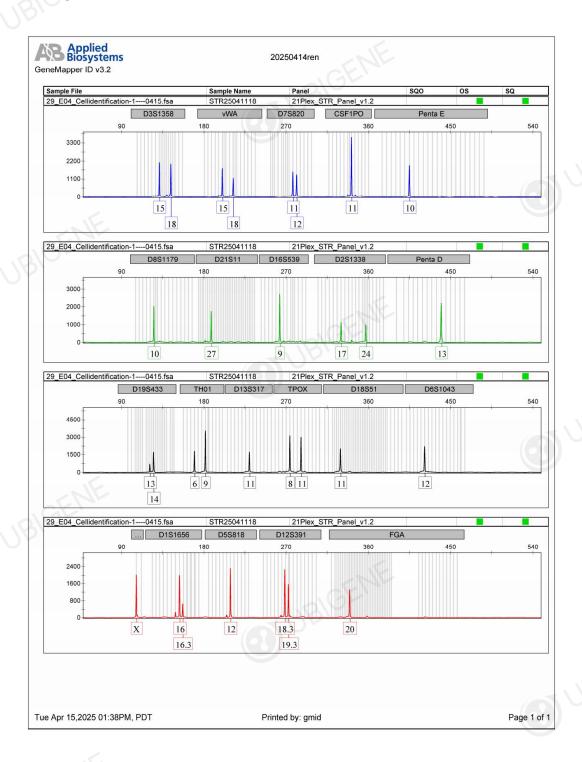
PENTAE	10	10			
D19S433	13	14			
PENTAD	13	13		ENE	
D1S1656	16	16.3	BIC		

4. Conclusion: The STR results of <u>NCI-H1915</u> cells are consistent with the genotypes of <u>NCI-H1915</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5904</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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