## STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: NCI-H2030

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.

3. Sample gene genotype analysis result:

	Genotype	analysis res	ults of STR and	Amelogenin l	oci in cells		
	STR profile for Sample cell  Cell name: STR25031414			STR profile for Cell Bank cell Cell name: NCI-H2030 [H2030]			
STR Loci							
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	-11B/C	11	11		
D13S317	12	12		12	12		
D7S820	10	10		10	10	IBIGH	
D16S539	12	12		12	12		
VWA	15	15		15	15		
TH01	9.3	9.3		9.3	9.3		
AMEL	Х	Х		Х	Х		
TPOX	9	12		9	12		
CSF1PO	11	11	JUBIC	11	11		
D12S391	20	20				-5	
FGA	20	24				-11810r	
D2S1338	17	23					
D21S11	30	30					
D18S51	17	18					
D8S1179	11	15					
D3S1358	18	18		CNE			
D6S1043	19	19	1810				

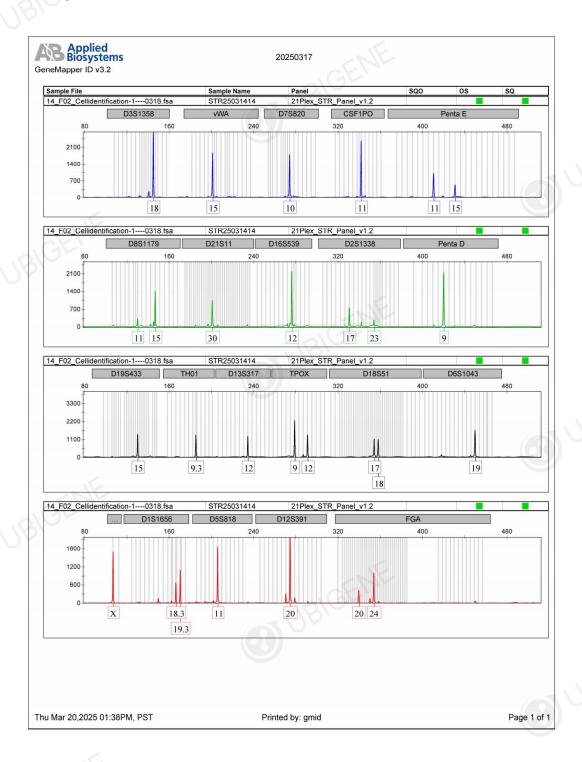
PENTAE	GE 11	15			
D19S433	15	15			
PENTAD	9	9		ENE	
D1S1656	18.3	19.3	BIC		

4. Conclusion: The STR results of <u>NCI-H2030</u> cells are consistent with the genotypes of <u>NCI-H2030</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-5914</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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