Online Inquiry

STR Authentication Report For Cell Line

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1. Cell Name: H82R

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 results of STR and Amelogenin loci in cells						
	STR profile for Sample cell			STR profile for Cell Bank cell		
STR Loci	Cell name: STR25041114			Cell name: H82R		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	8	8		8	8	
D7S820	10	13		10	13	
D16S539	12	12		12	12	
VWA	14	14		14	14	
TH01	9	9.3		9	9.3	
AMEL	X	X		X	X	
TPOX	11	11		11	11	
CSF1PO	11	11		11	11	
D12S391	20	23				
FGA	24	25				
D2S1338	17	24				
D21S11	28	30				
D18S51	18	18				
D8S1179	13	13				

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D3S1358	17	17				
D6S1043	20	20				
PENTAE	11	12				
D19S433	13	13				
PENTAD	10	12				
D1S1656	13	15				

4. Conclusion: The STR results of **H82R** cells are consistent with the genotypes of **H82R** cell lines in **DSMZ** database, the cell ID corresponded to **SCSP-5097** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.
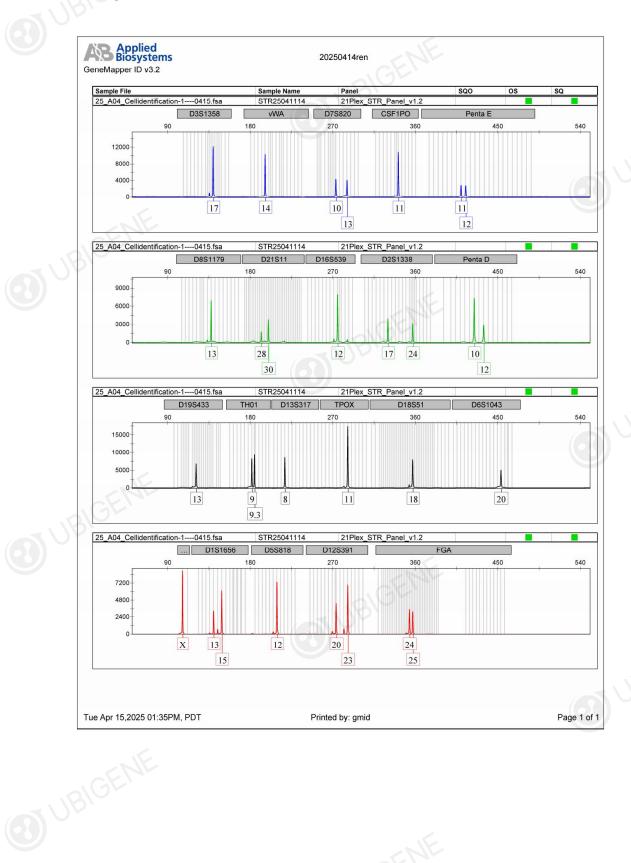
5. Attached Image

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