STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: OPM-2

- 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	e analysis resi	ults of STR and	Amelogenin l	oci in cells		
	STR profile for Sample cell Cell name: STR25041105			STR profile for Cell Bank cell Cell name: OPM-2			
STR Loci							
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	13	13	-11B1C	13	13		
D13S317	11	11		11	11		
D7S820	12	12		12	12	, IBIGH	
D16S539	9	13		9	13		
VWA	14	17		14	17		
TH01	6	7		6	7		
AMEL	Х	Х		Х	Х		
ТРОХ	8	8		8	8		
CSF1PO	12	13	UBIC	12	13		
D12S391	17	18				-5	
FGA	20	21				- 11BIGI	
D2S1338	19	25					
D21S11	30	33.2					
D18S51	13	14					
D8S1179	10	13					
D3S1358	15	18		CNE			
D6S1043	11	15	1810				

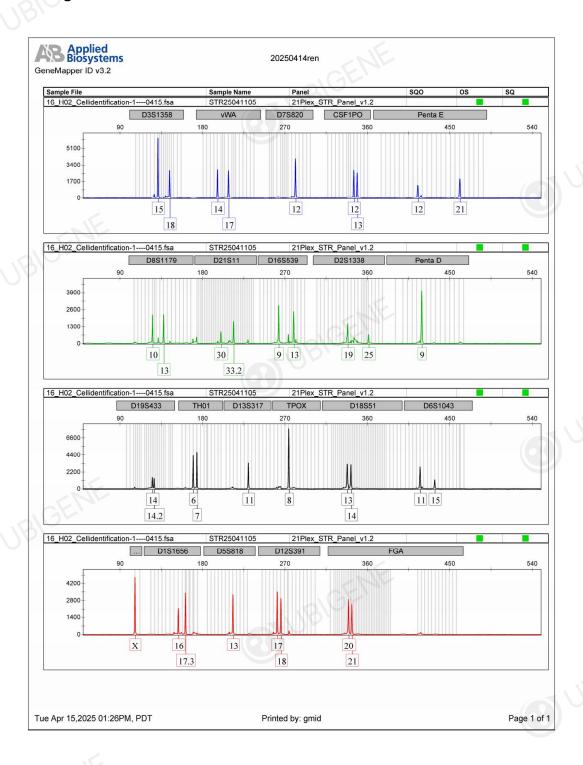
PENTAE	12	21			
D19S433	14	14.2			
PENTAD	9	9		ENE	
D1S1656	16	17.3	JUBIC		

4. Conclusion: The STR results of <u>OPM-2</u> cells are consistent with the genotypes of <u>OPM-2</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-50</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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