(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

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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. JUBIGEN
- 3. Sample gene genotype analysis result:

	Genotype	e analysis resu	ults of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: STR25041105			STR profile for Cell Bank cell		
				Cell name: OPM-2		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13	NBIC	13	13	
D13S317	11	11		11	11	-61
D7S820	12	12		12	12	- IBIGE
D16S539	9	13		9	13	
VWA	14	17		14	17	
TH01	6	7		6	7	
AMEL	Х	Х		Х	Х	
TPOX	8	8		8	8	
CSF1PO	12	13	UBIC	12	13	
D12S391	17	18				a E I
FGA	20	21				NIBION
D2S1338	19	25				
D21S11	30	33.2				
D18S51	13	14				
D8S1179	10	13				

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D3S1358	15	18			
D6S1043	11	15			
PENTAE	12	21	. C	ENE	
D19S433	14	14.2	UBIC		
PENTAD	9	9			251
D1S1656	16	17.3			* IBIO

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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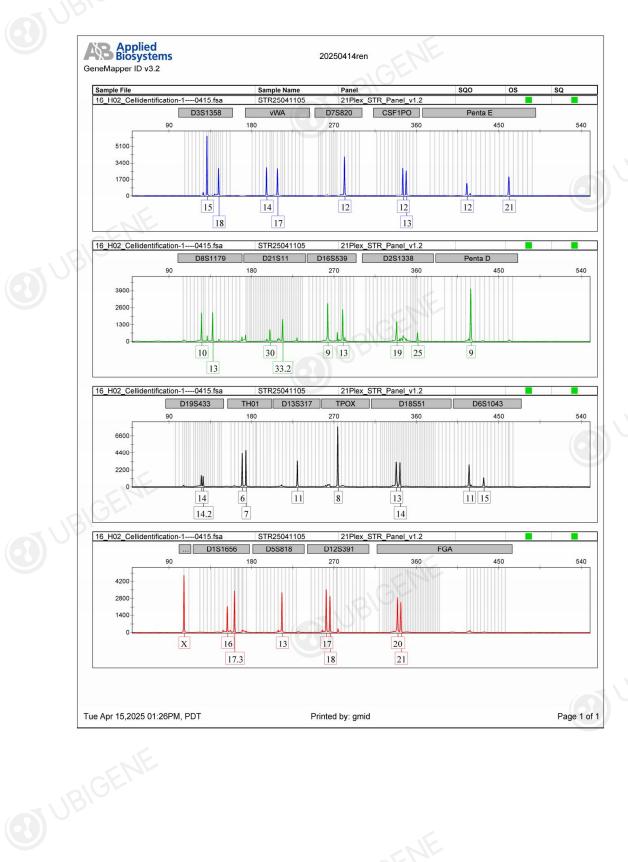
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5. Attached Image



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