(1) UBIGER

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

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Online Inquiry

1. Cell Name: IMR32

- 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 analysis results of STR and Amelogenin loci in cells								
.01	STR profile for Sample cell  Cell name: STR24091208			STR profile for Cell Bank cell Cell name: IMR-32				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	11	12	JUBIC	11	12			
D13S317	9	9		9	9			
D7S820	9	10		9	10	- IBIGE		
D16S539	8	8		8	8			
VWA	15	15		15	15			
TH01	G 7	9.3		7	9.3			
AMEL	Х	Υ		Х	Υ			
TPOX	11	11	. C	11	11			
CSF1PO	11	12	UBIC	11	12			
D12S391	23	23				~C'		
FGA	21	24				IBIG		
D2S1338	23	24			(8)			
D21S11	30	31						
D18S51	12	15						
D8S1179	13	13						

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D3S1358	16	16			
D6S1043	14	18			
PENTAE	7	15		ENE	
D19S433	14	15	UBIC		
PENTAD	11	12			-E1
D1S1656	17	17.3			NIBIO

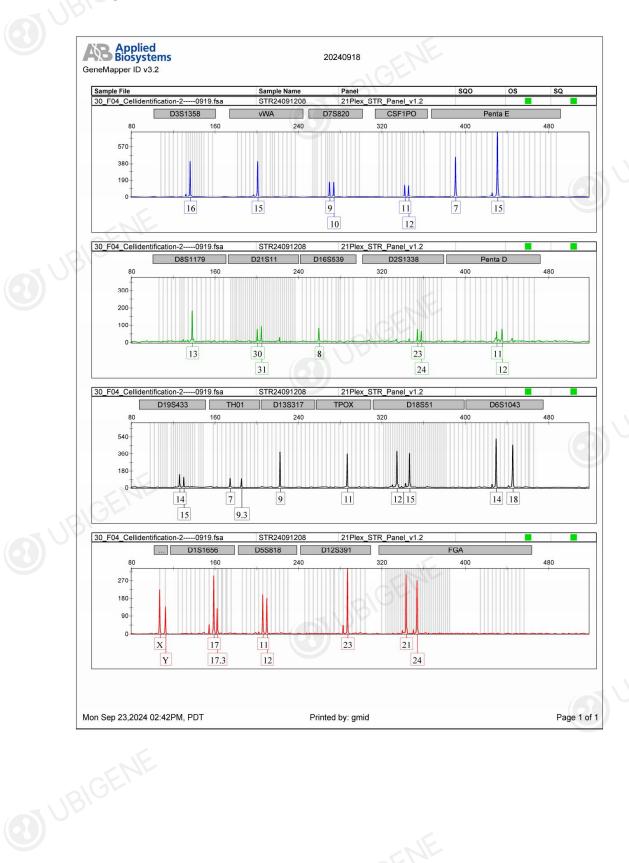
4. Conclusion: The STR results of <u>IMR32</u> cells are consistent with the genotypes of <u>IMR32</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-165</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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