(1) UBIGER

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

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1. Cell Name: ZR-75-1

- 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								
STR Loci	STR profile for Sample cell Cell name: STR25032710			STR profile for Cell Bank cell Cell name: ZR-75-1				
								Allele1
	D5S818	13	13	JUBIC	13	13		
D13S317	9	9		9	9			
D7S820	10	11		10	11	IBIGE		
D16S539	11	11		11	11			
VWA	16	18		16	18			
TH01	G 7	9.3		7	9.3			
AMEL	Х	Х		Х	Х			
TPOX	8	8	. C	8	8			
CSF1PO	10	11	JUBIL	10	11			
D12S391	21	21				-C'		
FGA	20	22				IBIGI		
D2S1338	16	25						
D21S11	31	31						
D18S51	13	14						
D8S1179	11	13						

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D3S1358	15	16			
D6S1043	12	12			
PENTAE	7	14	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	14	14			a E l
D1S1656	16.3	16.3			* IBIO

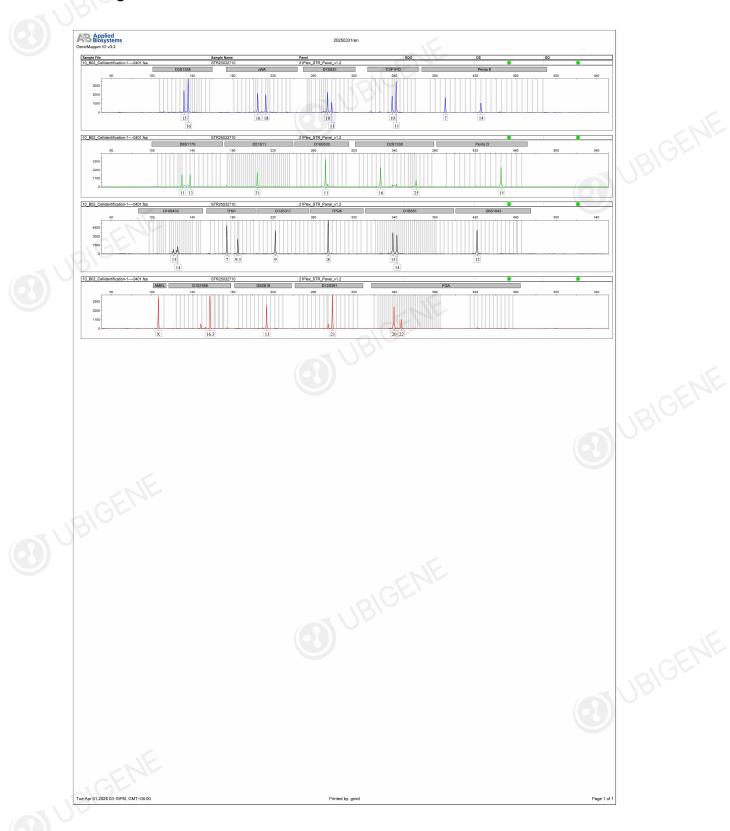
4. Conclusion: The STR results of <u>ZR-75-1</u> cells are consistent with the genotypes of <u>ZR-75-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1500</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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