(1) UBIGER

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

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1. Cell Name: Kasumi-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.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: Kasumi-1			STR profile for Cell Bank cell Cell name: KASUMI-1			
	D5S818	9	11	NBIC	9	11	
D13S317	11	13		11	13	-51	
D7S820	8	11		8	11	- IBIGE	
D16S539	9	12		9	12		
VWA	14	14		14	14		
TH01	6	9		6	9		
AMEL	Х	Х		Х	Х		
TPOX	8	9		8	9		
CSF1PO	10	12	UBIC	10	12		
D12S391	20	20				a E	
FGA	22	24				NIBION	
D2S1338	19	19					
D21S11	30	31					
D18S51	15	16					
D8S1179	13	14					

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D3S1358	15	17			
D6S1043	19	20.3			
PENTAE	11	11	. C	ENE	
D19S433	13	15.2	UBIC	, -	
PENTAD	12	12			-E1
D1S1656	14	16			* IJBIO

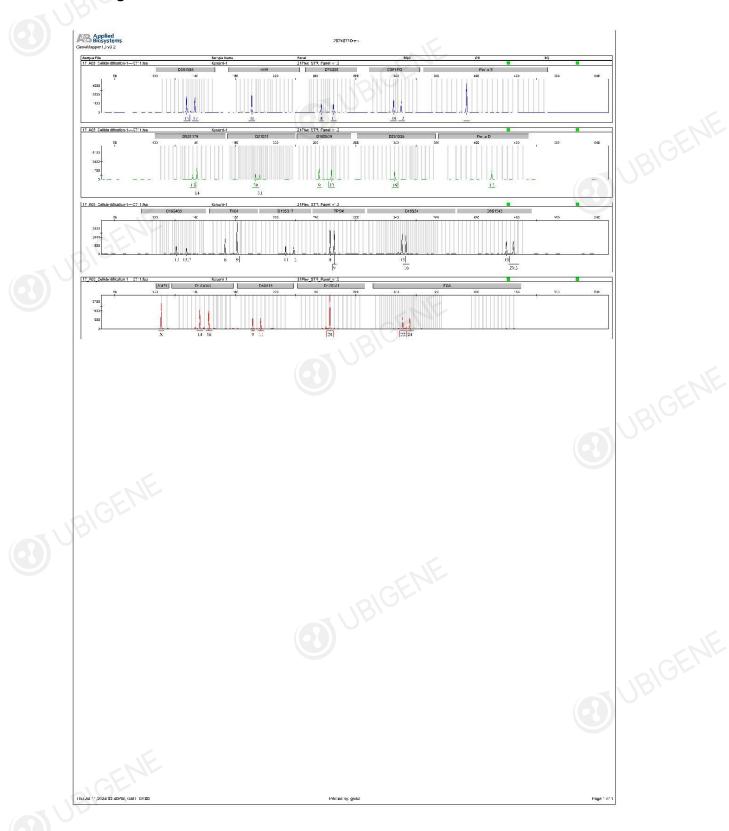
4. Conclusion: The STR results of <u>Kasumi-1</u> cells are consistent with the genotypes of <u>Kasumi-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-220</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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