(1) UBIGER

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

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1. Cell Name: HK-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 resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell  Cell name: HK2-Y01-K			STR profile for Cell Bank cell Cell name: HK-2 [Human kidney]			
	D5S818	12	12	JUBIC	12	12	
D13S317	9	9		9	9		
D7S820	10	11		10	11	- IBIGE	
D16S539	11	12		11	12		
VWA	17	18		17	18		
TH01	9	9		9	9		
AMEL	Х	Х		Х	Х		
TPOX	8	9	. C	8	9		
CSF1PO	13	13	UBIC	13	13		
D12S391	18	22				aE'	
FGA	20	22				NIBION	
D2S1338	17	25					
D21S11	28	30					
D18S51	12	12					
D8S1179	10	14					

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D3S1358	16	17			
D6S1043	12	13			
PENTAE	10	11	. C	ENE	
D19S433	15	15.2	UBIC		
PENTAD	9	12			75
D1S1656	12	13			* I IBIO

4. Conclusion: The STR results of <u>HK-2</u> cells are consistent with the genotypes of <u>HK-2</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_0302</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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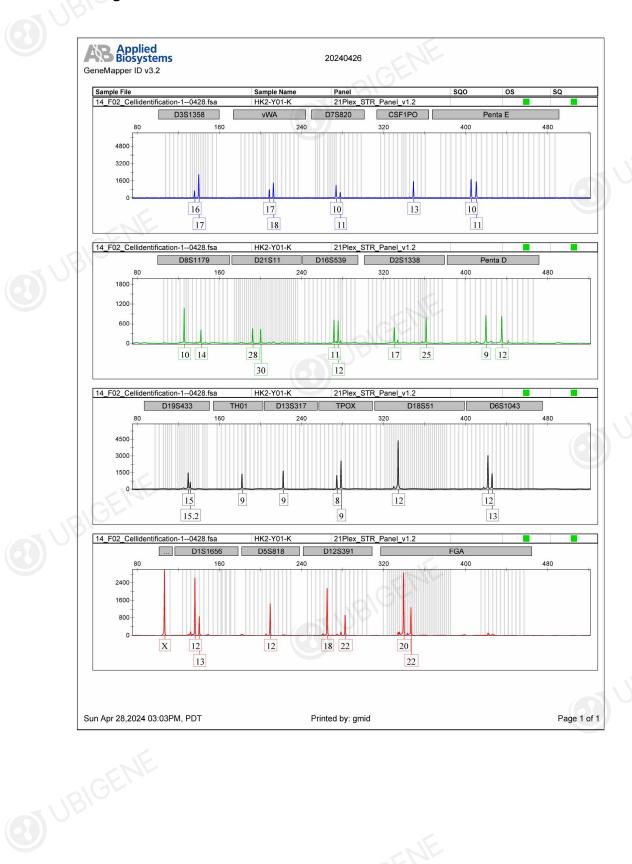
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## 5. Attached Image



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