(1) UBIGER

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

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1. Cell Name: HK-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	ults of STR and	Amelogenin l	loci in cells		
STR Loci	STR profile for Sample cell Cell name: C20220116D03			STR profile for Cell Bank cell Cell name: NPC/HK1			
	D5S818	11	13	NBIC	11.0	13.0	
D13S317	11	11		11.0	11.0	-51	
D7S820	8	11		8.0	11.0	- IBIGE	
D16S539	9	11		9.0	11.0		
VWA	18	19		18.0	19.0		
TH01	7	9		7.0	9.0		
AMEL	Х	Х					
TPOX	8	11		8.0	11.0		
CSF1PO	11	12	ANBIG	11.0	12.0		
D12S391	17	19				a E I	
FGA	26	26				NIBIOL	
D2S1338	20	23			(2)		
D21S11	28	29					
D18S51	17	17					
D8S1179	11	13					

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D3S1358	15	15			
D6S1043	12	20			
PENTAE	15	19	. C	ENE	
D19S433	14	14	UBIC	,	
PENTAD	9	12			-E1
D1S1656	15	15			* IBIO

4. Conclusion: The STR results of <u>HK-1</u> cells are consistent with the genotypes of <u>NPC/HK1</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_7084</u>, and the STR results <u>basically matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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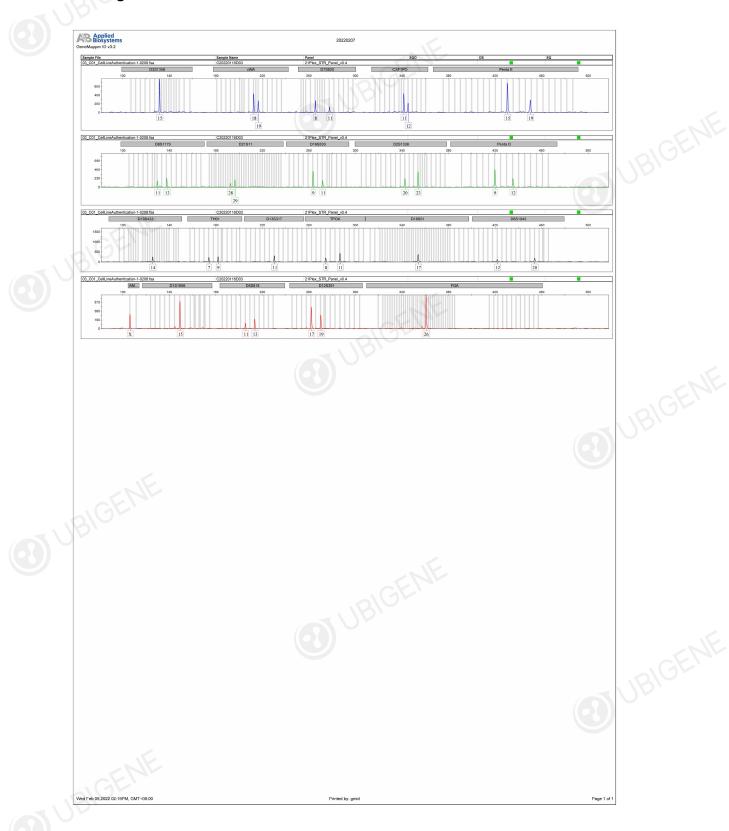
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5. Attached Image



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