STR Authentication Report For Cell Line

(B) UBIGENE

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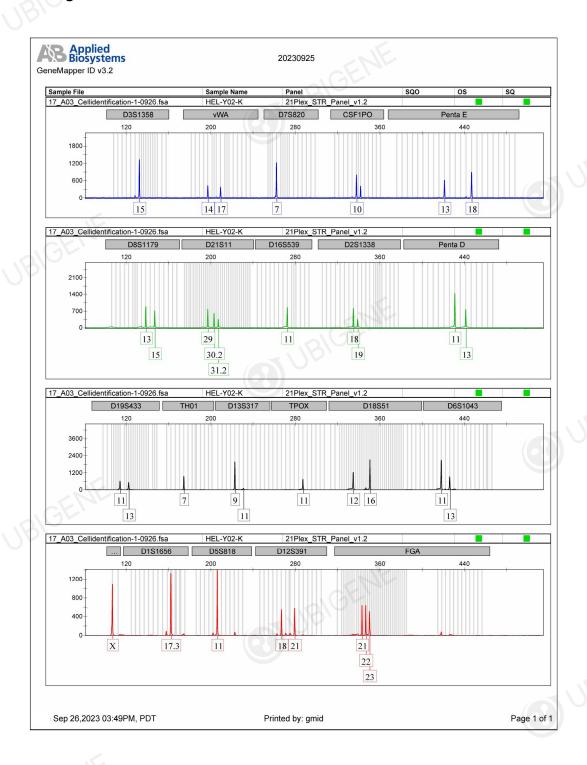
- 1. Cell Name: HEL
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: HEL-Y02-K			STR profile for Cell Bank cell Cell name: HEL		
	D5S818	11	11	- IBIC	11	11
D13S317	9	11		9	11	
D7S820	7	7		7	7	, IBIGH
D16S539	11	11		11	11	
VWA	14	17		14	17	
TH01	7	7		7	7	
AMEL	Х	Х		Х	Х	
ТРОХ	11	11		N 11	11	
CSF1PO	10	10	- IBIC	10	10	

Note: The above figure shows the comparison results of nine genotype loci for detecting cells and cells from the cell bank.

4. Conclusion: The STR results of **HEL** cells are consistent with the genotypes of **HEL** cell lines in **DSMZ** database, the cell ID corresponded to **JCRB0062**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image



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