STR Authentication Report For Cell Line

(B) UBIGENE

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1. Cell Name: KHOS-240S

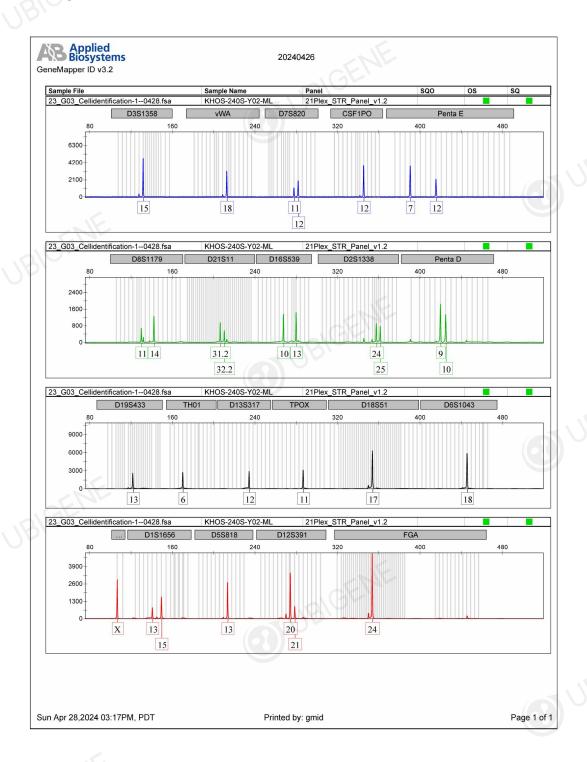
- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: KHOS-240S			STR profile for Cell Bank cell Cell name: KHOS-240S		
	D5S818	13	13	- IBIC	13	13
D13S317	12	12		12	12	
D7S820	11	12		11	12	181G
D16S539	10	13		10	13	
VWA	18	18		18	18	
TH01	6	6		6	6	
AMEL	Х	Х		Х	Х	
TPOX	11	11		11	11	
CSF1PO	12	12	-11B1	12	12	

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 KHOS-240S cells are consistent with the genotypes of KHOS-240S cell lines in DSMZ database, the cell ID corresponded to CRL-1545, 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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