(1) UBIGER

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

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1. Cell Name: 8305C

- 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: STR25031403 | | | STR profile for Cell Bank cell Cell name: 8305C | | | |
| | | | | | | | |
| | D5S818 | 10 | 13 | NBIC | 10 | 13 | |
| D13S317 | 9 | 9 | | 9 | 9 | | |
| D7S820 | 8 | 10 | | 8 | 10 | - IBIGE | |
| D16S539 | 10 | 11 | | 10 | 11 | | |
| VWA | 14 | 16 | | 14 | 16 | | |
| TH01 | 6 | 7 | | 6 | 7 | | |
| AMEL | Х | Х | | Х | Х | | |
| TPOX | 8 | 8 | | 8 | 8 | | |
| CSF1PO | 9 | 12 | UBIC | 9 | 12 | | |
| D12S391 | 19 | 25 | | | | CE! | |
| FGA | 21 | 22 | | | | * I IBIO | |
| D2S1338 | 17 | 25 | | | (2) | | |
| D21S11 | 30 | 32.2 | | | | | |
| D18S51 | 13 | 24 | | | | | |
| D8S1179 | 11 | 14 | | | | | |

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| D3S1358 | 15 | 15 | | | |
|---------|----|----|------|-----|--------|
| D6S1043 | 13 | 13 | | | |
| PENTAE | 15 | 17 | . C | ENE | |
| D19S433 | 14 | 14 | UBIC | | |
| PENTAD | 10 | 10 | | | -E1 |
| D1S1656 | 13 | 14 | | | * IBIO |

4. Conclusion: The STR results of <u>8305C</u> cells are consistent with the genotypes of <u>8305C</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-HPACC</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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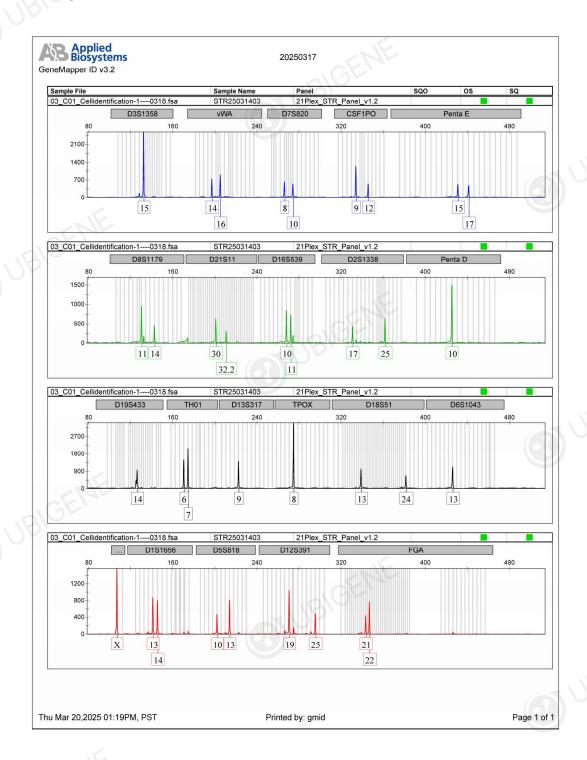
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5. Attached Image



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