|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | **Sample ID:** | 9-90-25504$231P22 | **ATCC Best Match Cell Name:** | MDA-MB-231 |
| **Database Best Match Score:** | | 85.71% | **ATCC Best Match Cell Line No:** | HTB-26 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Methodology:** | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 10 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **ATCC** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **ATCC Best Match Profile** |
| D5S818 | | 12 |  |  |  | 12 |
| D13S317 | | 13 |  |  |  | 13 |
| D7S820 | | 8 |  |  |  | 8,9 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 15 |  |  |  | 15,18 |
| TH01 | | 7 | 9.3 |  |  | 7,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 9 |  |  | 8,9 |
| CSF1PO | | 12 | 13 |  |  | 12,13 |
| D21S11 | | 30 | 33.2 |  |  |  |

| 1 | **Sample ID:** | 9-90-25504$231P22 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | **Sample ID:** | 9-91-25504$231P22 | **DSMZ Best Match Cell Name:** | MDA-MB-468 |
| **Database Best Match Score:** | | 80.00% | **DSMZ Best Match Cell Line No:** | ACC-738 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Methodology:** | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 10 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **DSMZ** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **DSMZ Best Match Profile** |
| D5S818 | | 12 |  |  |  | 12 |
| D13S317 | | 13 |  |  |  | 12 |
| D7S820 | | 8 | 9 |  |  | 8 |
| D16S539 | | 12 |  |  |  | 9 |
| vWA | | 15 | 18 |  |  | 18 |
| TH01 | | 7 | 9.3 |  |  | 7 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 9 |  |  | 8,9 |
| CSF1PO | | 12 | 13 |  |  | 12 |
| D21S11 | | 30 | 33.2 |  |  |  |

| 2 | **Sample ID:** | 9-91-25504$231P22 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | **Sample ID:** | 9-92-25504$10AP16 | **ATCC Best Match Cell Name:** | 293T |
| **Database Best Match Score:** | | 93.33% | **ATCC Best Match Cell Line No:** | CRL-3216 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Methodology:** | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 10 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **ATCC** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **ATCC Best Match Profile** |
| D5S818 | | 8 | 9 |  |  | 8,9 |
| D13S317 | | 12 |  |  |  | 12,14 |
| D7S820 | | 11 |  |  |  | 11 |
| D16S539 | | 9 | 13 |  |  | 9,13 |
| vWA | | 16 | 19 |  |  | 16,19 |
| TH01 | | 7 | 9.3 |  |  | 7,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 |  |  |  | 11 |
| CSF1PO | | 11 | 12 |  |  | 11,12 |
| D21S11 | | 28 | 30.2 |  |  |  |

| 3 | **Sample ID:** | 9-92-25504$10AP16 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | **Sample ID:** | 9-93-25504$12Z | **COG Best Match Cell Name:** | H2073 |
| **Database Best Match Score:** | | 70.00% | **COG Best Match Cell Line No:** |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Methodology:** | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 10 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **COG** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **COG Best Match Profile** |
| D5S818 | | 12 |  |  |  | 12 |
| D13S317 | | 12 | 13 |  |  | 13 |
| D7S820 | | 9 | 12 |  |  | 12 |
| D16S539 | | 13 |  |  |  | 12 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9 | 9.3 |  |  | 6,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 | 12 |  |  | 9 |
| CSF1PO | | 11 | 13 |  |  | 13 |
| D21S11 | | 28 | 30.2 |  |  |  |

| 4 | **Sample ID:** | 9-93-25504$12Z | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 | **Sample ID:** | 9-94-ladder | **Clima Best Match Cell Name:** | 9-94-ladder |
| **Database Best Match Score:** | | 0% | **Clima Best Match Cell Line No:** | N/A |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Methodology:** | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 10 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **Clima** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **Clima Best Match Profile** |
| D5S818 | | 7 | 8 |  |  |  |
| D13S317 | | 7 | 8 |  |  |  |
| D7S820 | | 6 | 7 |  |  |  |
| D16S539 | | 5 | 8 |  |  |  |
| vWA | | 10 | 11 |  |  |  |
| TH01 | | 4 | 5 |  |  |  |
| AMEL | | X | Y |  |  |  |
| TPOX | | 6 | 7 |  |  |  |
| CSF1PO | | 6 | 7 |  |  |  |
| D21S11 | | 24 | 24.2 |  |  |  |

| 5 | **Sample ID:** | 9-94-ladder | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |