|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | **Sample ID:** | 3-95-NALM-6 | **JCRB Best Match Cell Name:** | PL504 |
| **Database Best Match Score:** | | 75.00% | **JCRB Best Match Cell Line No:** | NIHS0423 |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 **JCRB** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **JCRB Best Match Profile** |
| D5S818 | | 11 | 12 |  |  | 11 |
| D13S317 | | 9 | 13 |  |  | 8,9 |
| D7S820 | | 8 | 11 |  |  | 8,11 |
| D16S539 | | 10 |  |  |  | 9,10 |
| vWA | | 15 |  |  |  | 17 |
| TH01 | | 8 | 9 |  |  | 9 |
| AMEL | | X | Y |  |  | X |
| TPOX | | 8 | 10 |  |  | 8 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 27 | 29 |  |  |  |

| 1 | **Sample ID:** | 3-95-NALM-6 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | **Sample ID:** | 3-96-RPMI | **ICLC 2 Best Match Cell Name:** | MEMO05 |
| **Database Best Match Score:** | | 72.73% | **ICLC 2 Best Match Cell Line No:** | HTL07002 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **ICLC 2** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **ICLC 2 Best Match Profile** |
| D5S818 | | 12 | 13 |  |  | 12 |
| D13S317 | | 12 |  |  |  | 11 |
| D7S820 | | 8 | 13 |  |  | 8,10 |
| D16S539 | | 10 | 11 |  |  | 10,11 |
| vWA | | 14 | 20 |  |  | 16 |
| TH01 | | 9 | 9.3 |  |  | 9.3 |
| AMEL | | X |  |  |  | x |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 11 | 12 |  |  | 11 |
| D21S11 | | 30 |  |  |  | 29,30 |

| 2 | **Sample ID:** | 3-96-RPMI | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | **Sample ID:** | | | 4-93-24143$PDX12 | | | **ICLC 2 Best Match Cell Name:** | | | Calu-6 |
| **Database Best Match Score:** | | | | 77.78% | | | **ICLC 2 Best Match Cell Line No:** | | | HTL97003 |
| **Methodology:** | | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 24 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **ICLC 2** Database. | | | | | | | | |
| **Marker Characterization** | | | | | | | | | | |
| **Marker** | | | **Allele 1** | | **Allele 2** | **Allele 3** | | **Allele 4** | **ICLC 2 Best Match Profile** | |
| D5S818 | | | 10 | | 11 |  | |  | 11 | |
| D13S317 | | | 10 | |  |  | |  | 11 | |
| D7S820 | | | 10 | | 11 |  | |  | 10 | |
| D16S539 | | | 12 | |  |  | |  | 13 | |
| vWA | | | 17 | | 19 |  | |  | 17 | |
| TH01 | | | 9 | |  |  | |  | 9 | |
| AMEL | | | X | |  |  | |  | X | |
| TPOX | | | 8 | | 9 |  | |  | 8 | |
| CSF1PO | | | 10 | | 12 |  | |  | 12 | |
| D21S11 | | | 28.2 | | 32.2 |  | |  | 31 | |
| D10S1248 | | | 13 | |  |  | |  |  | |
| D12S391 | | | 18 | | 20 |  | |  |  | |
| D18S51 | | | 13 | | 14 |  | |  |  | |
| D19S433 | | | 13 | | 15.2 |  | |  |  | |
| D1S1656 | | | 18.3 | |  |  | |  |  | |
| D22S1045 | | | 17 | |  |  | |  |  | |
| D2S1338 | | | 17 | | 21 |  | |  |  | |
| D2S441 | | | 11 | | 14 |  | |  |  | |
| D3S1358 | | | 17 | | 18 |  | |  |  | |
| D8S1179 | | | 10 | | 11 |  | |  |  | |
| DYS391 | | |  | |  |  | |  |  | |
| FGA | | | 21 | |  |  | |  |  | |
| Penta D | | | 9 | | 12 |  | |  |  | |
| Penta E | | | 5 | | 14 |  | |  |  | |

| 3 | **Sample ID:** | 4-93-24143$PDX12 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | **Sample ID:** | | | 4-94-24143$parent12 | | | **JCRB Best Match Cell Name:** | | | MKN45 |
| **Database Best Match Score:** | | | | 83.33% | | | **JCRB Best Match Cell Line No:** | | | JCRB0254 |
| **Methodology:** | | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 24 System and following the protocol described in ANSI/ATCC ASN-0002-2011. The STR alleles were searched on the **JCRB** Database. | | | | | | | | |
| **Marker Characterization** | | | | | | | | | | |
| **Marker** | | | **Allele 1** | | **Allele 2** | **Allele 3** | | **Allele 4** | **JCRB Best Match Profile** | |
| D5S818 | | | 10 | | 11 |  | |  | 10,11 | |
| D13S317 | | | 8 | | 10 |  | |  | 8,11 | |
| D7S820 | | | 10 | | 11 |  | |  | 10,11 | |
| D16S539 | | | 10 | | 12 |  | |  | 10 | |
| vWA | | | 17 | | 19 |  | |  | 19 | |
| TH01 | | | 9 | |  |  | |  | 7 | |
| AMEL | | | X | |  |  | |  | X | |
| TPOX | | | 8 | | 9 |  | |  | 8 | |
| CSF1PO | | | 10 | | 12 |  | |  | 12 | |
| D21S11 | | | 28.2 | | 32.2 |  | |  |  | |
| D10S1248 | | | 13 | |  |  | |  |  | |
| D12S391 | | | 18 | | 20 |  | |  |  | |
| D18S51 | | | 13 | | 14 |  | |  |  | |
| D19S433 | | | 13 | | 15.2 |  | |  |  | |
| D1S1656 | | | 15 | | 18.3 |  | |  |  | |
| D22S1045 | | | 17 | |  |  | |  |  | |
| D2S1338 | | | 20 | | 21 |  | |  |  | |
| D2S441 | | | 11 | | 14 |  | |  |  | |
| D3S1358 | | | 17 | | 18 |  | |  |  | |
| D8S1179 | | | 10 | | 11 |  | |  |  | |
| DYS391 | | |  | |  |  | |  |  | |
| FGA | | | 21 | |  |  | |  |  | |
| Penta D | | | 9 | | 12 |  | |  |  | |
| Penta E | | | 5 | | 14 |  | |  |  | |

| 4 | **Sample ID:** | 4-94-24143$parent12 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | **Sample ID:** | | | 4-95-24143$pdx13 | | | **DSMZ Best Match Cell Name:** | | | NCI-H2023 [H2023] |
| **Database Best Match Score:** | | | | 63.64% | | | **DSMZ Best Match Cell Line No:** | | | CRL-5912 |
| **Methodology:** | | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 24 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 | | | 11 | |  |  | |  | 12 | |
| D7S820 | | | 11 | |  |  | |  | 11 | |
| D16S539 | | | 5 | | 12 |  | |  | 11,12 | |
| vWA | | | 18 | | 19 |  | |  | 18 | |
| TH01 | | | 9 | |  |  | |  | 7,9 | |
| AMEL | | | X | |  |  | |  | X | |
| TPOX | | | 8 | | 10 |  | |  | 8 | |
| CSF1PO | | | 10 | |  |  | |  | 12 | |
| D21S11 | | | 27 | | 30 |  | |  |  | |
| D10S1248 | | | 14 | |  |  | |  |  | |
| D12S391 | | | 18 | | 22 |  | |  |  | |
| D18S51 | | | 17 | |  |  | |  |  | |
| D19S433 | | | 13 | | 14 |  | |  |  | |
| D1S1656 | | | 15 | | 17.3 |  | |  |  | |
| D22S1045 | | | 11 | |  |  | |  |  | |
| D2S1338 | | | 20 | |  |  | |  |  | |
| D2S441 | | | 11 | | 14 |  | |  |  | |
| D3S1358 | | | 17 | |  |  | |  |  | |
| D8S1179 | | | 11 | | 14 |  | |  |  | |
| DYS391 | | |  | |  |  | |  |  | |
| FGA | | | 25 | |  |  | |  |  | |
| Penta D | | | 9 | | 13 |  | |  |  | |
| Penta E | | | 13 | | 15 |  | |  |  | |

| 5 | **Sample ID:** | 4-95-24143$pdx13 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | **Sample ID:** | | | 4-96-24143$parent13 | | | **DSMZ Best Match Cell Name:** | | | VM-CUB1 |
| **Database Best Match Score:** | | | | 75.00% | | | **DSMZ Best Match Cell Line No:** | | | ACC-400 |
| **Methodology:** | | Authenticity for all cell lines used in this study was performed using the Promega GenePrint 24 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 | | | 11 | | 12 |  | |  | 11 | |
| D13S317 | | | 11 | |  |  | |  | 10 | |
| D7S820 | | | 8 | | 11 |  | |  | 8,11 | |
| D16S539 | | | 12 | |  |  | |  | 11,12 | |
| vWA | | | 18 | | 19 |  | |  | 18,19 | |
| TH01 | | | 8 | | 9 |  | |  | 9 | |
| AMEL | | | X | |  |  | |  | X | |
| TPOX | | | 8 | | 10 |  | |  | 8 | |
| CSF1PO | | | 10 | |  |  | |  | 11 | |
| D21S11 | | | 27 | | 30 |  | |  |  | |
| D10S1248 | | | 13 | | 14 |  | |  |  | |
| D12S391 | | | 18 | | 22 |  | |  |  | |
| D18S51 | | | 14 | | 17 |  | |  |  | |
| D19S433 | | | 13 | | 14 |  | |  |  | |
| D1S1656 | | | 15 | | 17.3 |  | |  |  | |
| D22S1045 | | | 11 | |  |  | |  |  | |
| D2S1338 | | | 20 | |  |  | |  |  | |
| D2S441 | | | 11 | | 14 |  | |  |  | |
| D3S1358 | | | 16 | | 17 |  | |  |  | |
| D8S1179 | | | 11 | | 14 |  | |  |  | |
| DYS391 | | |  | |  |  | |  |  | |
| FGA | | | 22 | | 25 |  | |  |  | |
| Penta D | | | 9 | | 13 |  | |  |  | |
| Penta E | | | 13 | | 15 |  | |  |  | |

| 6 | **Sample ID:** | 4-96-24143$parent13 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

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| --- | --- | --- | --- | --- |
| 7 | **Sample ID:** | M207TRPKO | **JCRB Best Match Cell Name:** | HuO9 |
| **Database Best Match Score:** | | 60.00% | **JCRB Best Match Cell Line No:** | JCRB0427 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **JCRB** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **JCRB Best Match Profile** |
| D5S818 | | 8 |  |  |  | 13 |
| D13S317 | | 11 | 14 |  |  | 11 |
| D7S820 | | 10 | 14 |  |  | 10 |
| D16S539 | | 11 | 12 |  |  | 11 |
| vWA | | 14 | 16 |  |  | 14 |
| TH01 | | 7 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 |  |  |  | 9 |
| CSF1PO | | 10 |  |  |  | 10,11 |
| D21S11 | | 30 | 31.2 |  |  |  |

| 7 | **Sample ID:** | M207TRPKO | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 8 | **Sample ID:** | M207nRFP | **JCRB Best Match Cell Name:** | VERO |
| **Database Best Match Score:** | | 66.67% | **JCRB Best Match Cell Line No:** | JCRB0111 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **JCRB** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **JCRB Best Match Profile** |
| D5S818 | | 8 |  |  |  |  |
| D13S317 | | 11 | 14 |  |  |  |
| D7S820 | | 10 | 14 |  |  | 10 |
| D16S539 | | 11 | 12 |  |  |  |
| vWA | | 14 | 16 |  |  |  |
| TH01 | | 7 |  |  |  |  |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 |  |  |  |  |
| CSF1PO | | 10 |  |  |  | 14 |
| D21S11 | | 30 | 31.2 |  |  |  |

| 8 | **Sample ID:** | M207nRFP | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 9 | **Sample ID:** | M230nRFP | **COG Best Match Cell Name:** | H1993 |
| **Database Best Match Score:** | | 69.23% | **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 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 13 |  |  |  | 13 |
| D7S820 | | 7 |  |  |  | 12 |
| D16S539 | | 11 | 12 |  |  | 12 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9.3 |  |  |  | 6,9.3 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 9 | 11 |  |  | 9 |
| CSF1PO | | 11 |  |  |  | 10,13 |
| D21S11 | | 28 | 29 |  |  |  |

| 9 | **Sample ID:** | M230nRFP | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

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| --- | --- | --- | --- | --- |
| 10 | **Sample ID:** | M249TYRPKO | **JCRB Best Match Cell Name:** | UC702 |
| **Database Best Match Score:** | | 66.67% | **JCRB Best Match Cell Line No:** | JCRB1220 |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 **JCRB** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **JCRB Best Match Profile** |
| D5S818 | | 11 |  |  |  | 11 |
| D13S317 | | 8 |  |  |  | 11 |
| D7S820 | | 11 | 12 |  |  | 11 |
| D16S539 | | 12 |  |  |  | 11,12 |
| vWA | | 17 |  |  |  | 14,17 |
| TH01 | | 7 |  |  |  | 6,7 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 29 | 30 |  |  |  |

| 10 | **Sample ID:** | M249TYRPKO | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 11 | **Sample ID:** | M249nRFP | **JCRB Best Match Cell Name:** | UC702 |
| **Database Best Match Score:** | | 66.67% | **JCRB Best Match Cell Line No:** | JCRB1220 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **JCRB** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **JCRB Best Match Profile** |
| D5S818 | | 11 |  |  |  | 11 |
| D13S317 | | 8 |  |  |  | 11 |
| D7S820 | | 11 | 12 |  |  | 11 |
| D16S539 | | 12 |  |  |  | 11,12 |
| vWA | | 17 |  |  |  | 14,17 |
| TH01 | | 7 |  |  |  | 6,7 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 29 | 30 |  |  |  |

| 11 | **Sample ID:** | M249nRFP | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 12 | **Sample ID:** | M285TYRPKO | **ATCC Best Match Cell Name:** | CAL 27 |
| **Database Best Match Score:** | | 86.67% | **ATCC Best Match Cell Line No:** | CRL-2095 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 11 | 12 |  |  | 10,11 |
| D7S820 | | 10 |  |  |  | 10 |
| D16S539 | | 12 |  |  |  | 11,12 |
| vWA | | 14 | 17 |  |  | 14,17 |
| TH01 | | 6 | 9.3 |  |  | 6,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 29 | 30 |  |  |  |

| 12 | **Sample ID:** | M285TYRPKO | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 13 | **Sample ID:** | M285nRFP | **ATCC Best Match Cell Name:** | NIH:OVCAR-3 |
| **Database Best Match Score:** | | 83.33% | **ATCC Best Match Cell Line No:** | HTB-161 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 11 | 12 |  |  | 12 |
| D7S820 | | 10 |  |  |  | 10 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 14 | 17 |  |  | 17 |
| TH01 | | 6 | 9.3 |  |  | 9,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 11,12 |
| D21S11 | | 29 | 30 |  |  |  |

| 13 | **Sample ID:** | M285nRFP | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |