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| --- | --- | --- | --- | --- |
| 1 | **Sample ID:** | 4-93-24143$PDX12 | **DSMZ Best Match Cell Name:** | ACC-MESO-1 |
| **Database Best Match Score:** | | 60.00% | **DSMZ Best Match Cell Line No:** | RCB2292 |

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| **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 | | 10 | 11.0 |  |  | 12 |
| D13S317 | | 10 |  |  |  | 8 |
| D7S820 | | 10 | 11.0 |  |  | 10,12 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 17 | 19.0 |  |  | 17 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 9.0 |  |  | 11 |
| CSF1PO | | 10 | 12.0 |  |  | 10 |
| D21S11 | | 28.2 | 32.2 |  |  |  |
| D10S1248 | | 13 |  |  |  |  |
| D12S391 | | 18 | 20.0 |  |  |  |
| D18S51 | | 13 | 14.0 |  |  |  |
| D19S433 | | 13 | 15.2 |  |  |  |
| D1S1656 | | 18.3 |  |  |  |  |
| D22S1045 | | 17 |  |  |  |  |
| D2S1338 | | 17 | 21.0 |  |  |  |
| D2S441 | | 11 | 14.0 |  |  |  |
| D3S1358 | | 17 | 18.0 |  |  |  |
| D8S1179 | | 10 | 11.0 |  |  |  |
| DYS391 | |  |  |  |  |  |
| FGA | | 21 |  |  |  |  |
| Penta D | | 9 | 12.0 |  |  |  |
| Penta E | | 5 | 14.0 |  |  |  |

| 1 | **Sample ID:** | 4-93-24143$PDX12 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
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| 2 | **Sample ID:** | 4-94-24143$parent12 | **DSMZ Best Match Cell Name:** | KYSE-520 |
| **Database Best Match Score:** | | 60.00% | **DSMZ Best Match Cell Line No:** | ACC-371 |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 11.0 |  |  | 9 |
| D13S317 | | 8 | 10.0 |  |  | 11 |
| D7S820 | | 10 | 11.0 |  |  | 11 |
| D16S539 | | 10 | 12.0 |  |  | 10 |
| vWA | | 17 | 19.0 |  |  | 15,17 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 9.0 |  |  | 8 |
| CSF1PO | | 10 | 12.0 |  |  | 10 |
| D21S11 | | 28.2 | 32.2 |  |  |  |
| D10S1248 | | 13 |  |  |  |  |
| D12S391 | | 18 | 20.0 |  |  |  |
| D18S51 | | 13 | 14.0 |  |  |  |
| D19S433 | | 13 | 15.2 |  |  |  |
| D1S1656 | | 15 | 18.3 |  |  |  |
| D22S1045 | | 17 |  |  |  |  |
| D2S1338 | | 20 | 21.0 |  |  |  |
| D2S441 | | 11 | 14.0 |  |  |  |
| D3S1358 | | 17 | 18.0 |  |  |  |
| D8S1179 | | 10 | 11.0 |  |  |  |
| DYS391 | |  |  |  |  |  |
| FGA | | 21 |  |  |  |  |
| Penta D | | 9 | 12.0 |  |  |  |
| Penta E | | 5 | 14.0 |  |  |  |

| 2 | **Sample ID:** | 4-94-24143$parent12 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
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| 3 | **Sample ID:** | 4-95-24143$pdx13 | **DSMZ Best Match Cell Name:** | Lu99B |
| **Database Best Match Score:** | | 63.64% | **DSMZ Best Match Cell Line No:** | RCB1971 |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |  | 10,11 |
| D7S820 | | 11 |  |  |  | 11 |
| D16S539 | | 5 | 12.0 |  |  | 9 |
| vWA | | 18 | 19.0 |  |  | 18 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 10.0 |  |  | 11 |
| CSF1PO | | 10 |  |  |  | 10,15 |
| D21S11 | | 27 | 30.0 |  |  |  |
| D10S1248 | | 14 |  |  |  |  |
| D12S391 | | 18 | 22.0 |  |  |  |
| D18S51 | | 17 |  |  |  |  |
| D19S433 | | 13 | 14.0 |  |  |  |
| D1S1656 | | 15 | 17.3 |  |  |  |
| D22S1045 | | 11 |  |  |  |  |
| D2S1338 | | 20 |  |  |  |  |
| D2S441 | | 11 | 14.0 |  |  |  |
| D3S1358 | | 17 |  |  |  |  |
| D8S1179 | | 11 | 14.0 |  |  |  |
| DYS391 | |  |  |  |  |  |
| FGA | | 25 |  |  |  |  |
| Penta D | | 9 | 13.0 |  |  |  |
| Penta E | | 13 | 15.0 |  |  |  |

| 3 | **Sample ID:** | 4-95-24143$pdx13 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
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| --- | --- | --- | --- | --- |
| 4 | **Sample ID:** | 4-96-24143$parent13 | **ATCC Best Match Cell Name:** | DMS 79 |
| **Database Best Match Score:** | | 63.64% | **ATCC Best Match Cell Line No:** | CRL-2049 |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 **ATCC** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **ATCC Best Match Profile** |
| D5S818 | | 11 | 12.0 |  |  | 10 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 8 | 11.0 |  |  | 9,11 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 18 | 19.0 |  |  | 18 |
| TH01 | | 8 | 9.0 |  |  | 8 |
| AMEL | | X |  |  |  | X,Y |
| TPOX | | 8 | 10.0 |  |  | 8 |
| CSF1PO | | 10 |  |  |  | 10 |
| D21S11 | | 27 | 30.0 |  |  |  |
| D10S1248 | | 13 | 14.0 |  |  |  |
| D12S391 | | 18 | 22.0 |  |  |  |
| D18S51 | | 14 | 17.0 |  |  |  |
| D19S433 | | 13 | 14.0 |  |  |  |
| D1S1656 | | 15 | 17.3 |  |  |  |
| D22S1045 | | 11 |  |  |  |  |
| D2S1338 | | 20 |  |  |  |  |
| D2S441 | | 11 | 14.0 |  |  |  |
| D3S1358 | | 16 | 17.0 |  |  |  |
| D8S1179 | | 11 | 14.0 |  |  |  |
| DYS391 | |  |  |  |  |  |
| FGA | | 22 | 25.0 |  |  |  |
| Penta D | | 9 | 13.0 |  |  |  |
| Penta E | | 13 | 15.0 |  |  |  |

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