|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | **Sample ID:** | 2-03-25426$OCI-LY6\_cas9 | **DSMZ Best Match Cell Name:** | Raji |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-7936 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 13 |  |  | 10,13 |
| D13S317 | | 13 |  |  |  | 13 |
| D7S820 | | 10 |  |  |  | 10 |
| D16S539 | | 8 | 11 |  |  | 8,11 |
| vWA | | 16 | 19 |  |  | 16,19 |
| TH01 | | 6 | 7 |  |  | 6,7 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 | 13 |  |  | 8,13 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 28 | 31 |  |  |  |

| 1 | **Sample ID:** | 2-03-25426$OCI-LY6\_cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | **Sample ID:** | 2-04-25426$u-2932 | **DSMZ Best Match Cell Name:** | U-2932 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-633 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 |  |  |  | 11 |
| D7S820 | | 9 | 13 |  |  | 9,13 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 14 | 17 |  |  | 14,17 |
| TH01 | | 9.3 |  |  |  | 9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 | 12 |  |  | 11,12 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 28 | 30 |  |  |  |

| 2 | **Sample ID:** | 2-04-25426$u-2932 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | **Sample ID:** | 2-05-25426$u-2932\_cas9 | **DSMZ Best Match Cell Name:** | U-2932 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-633 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 12 | 13 |  | 12 |
| D13S317 | | 11 | 13 |  |  | 11 |
| D7S820 | | 9 | 10 | 13 |  | 9,13 |
| D16S539 | | 8 | 11 | 12 |  | 12 |
| vWA | | 14 | 16 | 17 | 19 | 14,17 |
| TH01 | | 9.3 |  |  |  | 9.3 |
| AMEL | | X | Y |  |  | X |
| TPOX | | 8 | 11 | 12 | 13 | 11,12 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 28 | 30 | 31 |  |  |

| 3 | **Sample ID:** | 2-05-25426$u-2932\_cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | **Sample ID:** | 2-06-25426$u2932\_cdk9r | **Clima Best Match Cell Name:** | 2-06-25426$u2932\_cdk9r |
| **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 | |  |  |  |  |  |
| D13S317 | |  |  |  |  |  |
| D7S820 | |  |  |  |  |  |
| D16S539 | |  |  |  |  |  |
| vWA | |  |  |  |  |  |
| TH01 | |  |  |  |  |  |
| AMEL | |  |  |  |  |  |
| TPOX | |  |  |  |  |  |
| CSF1PO | |  |  |  |  |  |
| D21S11 | |  |  |  |  |  |

| 4 | **Sample ID:** | 2-06-25426$u2932\_cdk9r | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 | **Sample ID:** | 2-07-25426$oci-ly3\_cdk9k | **Clima Best Match Cell Name:** | 2-07-25426$oci-ly3\_cdk9k |
| **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 | |  |  |  |  |  |
| D13S317 | |  |  |  |  |  |
| D7S820 | |  |  |  |  |  |
| D16S539 | |  |  |  |  |  |
| vWA | |  |  |  |  |  |
| TH01 | |  |  |  |  |  |
| AMEL | |  |  |  |  |  |
| TPOX | |  |  |  |  |  |
| CSF1PO | |  |  |  |  |  |
| D21S11 | |  |  |  |  |  |

| 5 | **Sample ID:** | 2-07-25426$oci-ly3\_cdk9k | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6 | **Sample ID:** | 2-08-25426$293[hek-293] | **DSMZ Best Match Cell Name:** | HEK-293.2sus |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-1573.3 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 8 |  |  |  | 8 |
| D13S317 | | 12 | 14 |  |  | 12,14 |
| D7S820 | | 11 | 12 |  |  | 11,12 |
| D16S539 | | 9 | 13 |  |  | 9,13 |
| vWA | | 16 | 19 |  |  | 16,19 |
| TH01 | | 7 | 9.3 |  |  | 7,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 |  |  |  | 11 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 28 | 30.2 |  |  |  |

| 6 | **Sample ID:** | 2-08-25426$293[hek-293] | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 7 | **Sample ID:** | 2-53-25422$SUDHL4 | **ATCC Best Match Cell Name:** | SU-DHL-4 |
| **Database Best Match Score:** | | 100.00% | **ATCC Best Match Cell Line No:** | CRL-2957 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  | 11,12 |
| D7S820 | | 8 | 11 |  |  | 8,11 |
| D16S539 | | 11 | 13 |  |  | 11,13 |
| vWA | | 18 | 19 |  |  | 18,19 |
| TH01 | | 6 | 9.3 |  |  | 6,9.3 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 9 | 11 |  |  | 9,11 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 29 | 30 |  |  |  |

| 7 | **Sample ID:** | 2-53-25422$SUDHL4 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 8 | **Sample ID:** | 2-54-25422$SUDHL8 | **ATCC Best Match Cell Name:** | SU-DHL-8 |
| **Database Best Match Score:** | | 100.00% | **ATCC Best Match Cell Line No:** | CRL-2961 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | 13 |  |  | 11,13 |
| D13S317 | | 11 | 13 |  |  | 11,13 |
| D7S820 | | 8 |  |  |  | 8 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 15 | 19 |  |  | 15,19 |
| TH01 | | 6 | 9 |  |  | 6,9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 11 | 12 |  |  | 11,12 |
| D21S11 | | 30 | 31.2 |  |  |  |

| 8 | **Sample ID:** | 2-54-25422$SUDHL8 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 9 | **Sample ID:** | 2-55-25422$KMS27 | **JCRB Best Match Cell Name:** | KMS-27 |
| **Database Best Match Score:** | | 100.00% | **JCRB Best Match Cell Line No:** | JCRB1188 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 12 |  |  | 10,12 |
| D13S317 | | 10 | 11 |  |  | 10,11 |
| D7S820 | | 11 |  |  |  | 11 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 14 | 17 |  |  | 14,17 |
| TH01 | | 6 | 9 |  |  | 6,9 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 30 | 32.2 |  |  |  |

| 9 | **Sample ID:** | 2-55-25422$KMS27 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10 | **Sample ID:** | 2-56-25422$KMS34 | **JCRB Best Match Cell Name:** | KMS-34 |
| **Database Best Match Score:** | | 100.00% | **JCRB Best Match Cell Line No:** | JCRB1195 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 12 |  |  |  | 12 |
| D13S317 | | 8 |  |  |  | 8 |
| D7S820 | | 10 | 11 |  |  | 10,11 |
| D16S539 | | 10 | 13 | 14 |  | 10,13,14 |
| vWA | | 14 | 17 |  |  | 14 |
| TH01 | | 7 | 9 |  |  | 7,9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 9 |  |  | 8,9 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 32.2 |  |  |  |  |

| 10 | **Sample ID:** | 2-56-25422$KMS34 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 11 | **Sample ID:** | 2-57-25422$RAJI | **DSMZ Best Match Cell Name:** | RAJI |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | RCB1647 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 13 |  |  | 10,13 |
| D13S317 | | 13 |  |  |  | 13 |
| D7S820 | | 10 |  |  |  | 10 |
| D16S539 | | 8 | 11 |  |  | 8,11 |
| vWA | | 16 | 19 |  |  | 16,19 |
| TH01 | | 6 | 7 |  |  | 6,7 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 | 13 |  |  | 8,13 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 28 | 31 |  |  |  |

| 11 | **Sample ID:** | 2-57-25422$RAJI | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 12 | **Sample ID:** | 2-58-25422$KARPAS422 | **ICLC 2 Best Match Cell Name:** | KARPAS-422 |
| **Database Best Match Score:** | | 100.00% | **ICLC 2 Best Match Cell Line No:** | HTL99023 |

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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 **ICLC 2** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **ICLC 2 Best Match Profile** |
| D5S818 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 12 |  |  |  | 12 |
| D7S820 | | 12 | 13 |  |  | 12,13 |
| D16S539 | | 13 |  |  |  | 13 |
| vWA | | 19 |  |  |  | 19 |
| TH01 | | 6 | 9 |  |  | 6,9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 11 |  |  | 10,11 |
| D21S11 | | 29 | 32.2 |  |  | 29,32.2 |

| 12 | **Sample ID:** | 2-58-25422$KARPAS422 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 13 | **Sample ID:** | 2-59-25422$WSU-DCLC2 | **DSMZ Best Match Cell Name:** | WSU-DLCL-2 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-575 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 11 | 14 |  |  | 11,14 |
| D7S820 | | 10 | 12 |  |  | 10,12 |
| D16S539 | | 10 | 13 |  |  | 10,13 |
| vWA | | 16 | 17 |  |  | 16,17 |
| TH01 | | 8 | 9 |  |  | 8,9 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 11 |  |  |  | 11 |
| D21S11 | | 29 | 32.2 |  |  |  |

| 13 | **Sample ID:** | 2-59-25422$WSU-DCLC2 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 14 | **Sample ID:** | 2-60-25422$SNU8 | **JCRB Best Match Cell Name:** | RKN |
| **Database Best Match Score:** | | 78.57% | **JCRB Best Match Cell Line No:** | IFO50317 |

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

| 14 | **Sample ID:** | 2-60-25422$SNU8 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 15 | **Sample ID:** | 2-61-25422$SNU8\_5uL | **DSMZ Best Match Cell Name:** | Lu-134-A |
| **Database Best Match Score:** | | 88.89% | **DSMZ Best Match Cell Line No:** | RCB0466 |

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

| 15 | **Sample ID:** | 2-61-25422$SNU8\_5uL | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 16 | **Sample ID:** | 2-62-25422$SNU8\_25uL | **DSMZ Best Match Cell Name:** | Lu-134-B |
| **Database Best Match Score:** | | 88.89% | **DSMZ Best Match Cell Line No:** | RCB0467 |

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

| 16 | **Sample ID:** | 2-62-25422$SNU8\_25uL | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 17 | **Sample ID:** | 2-63-25422$MOLM13-Cas9 | **DSMZ Best Match Cell Name:** | MOLM-13 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-554 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 11 |  |  | 10,11 |
| D13S317 | | 10 | 11 |  |  | 10,11 |
| D7S820 | | 10 | 12 |  |  | 10,12 |
| D16S539 | | 10 | 11 |  |  | 10,11 |
| vWA | | 16 | 17 |  |  | 16,17 |
| TH01 | | 7 |  |  |  | 7 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 30 | 31 |  |  |  |

| 17 | **Sample ID:** | 2-63-25422$MOLM13-Cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 18 | **Sample ID:** | 2-64-25422$OCIAML3-Cas9 | **DSMZ Best Match Cell Name:** | OCI-AML3 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-582 |

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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 **DSMZ** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **DSMZ Best Match Profile** |
| D5S818 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 8 | 13 |  |  | 8,13 |
| D7S820 | | 9 | 10 |  |  | 9,10 |
| D16S539 | | 11 | 13 |  |  | 11,13 |
| vWA | | 17 | 18 |  |  | 17,18 |
| TH01 | | 8 | 10 |  |  | 8,10 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 11 | 12 |  |  | 11,12 |
| D21S11 | | 29 | 30 |  |  |  |

| 18 | **Sample ID:** | 2-64-25422$OCIAML3-Cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 19 | **Sample ID:** | 2-65-25422$calu6 | **ICLC 2 Best Match Cell Name:** | Calu-6 |
| **Database Best Match Score:** | | 100.00% | **ICLC 2 Best Match Cell Line No:** | HTL97003 |

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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 **ICLC 2** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **ICLC 2 Best Match Profile** |
| D5S818 | | 11 |  |  |  | 11 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 10 |  |  |  | 10 |
| D16S539 | | 13 |  |  |  | 13 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 31 |  |  |  | 31 |

| 19 | **Sample ID:** | 2-65-25422$calu6 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 20 | **Sample ID:** | 2-66-25422$dv90 | **DSMZ Best Match Cell Name:** | DV-90 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-307 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 10 | 12 |  |  | 10,12 |
| D7S820 | | 11 | 14 |  |  | 11,14 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 14 | 15 |  |  | 14,15 |
| TH01 | | 6 | 7 | 8 |  | 7,8 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 31 | 31.2 |  |  |  |

| 20 | **Sample ID:** | 2-66-25422$dv90 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 21 | **Sample ID:** | 2-67-25422$hcc2108 | **Expasy Best Match Cell Name:** | HCC2108 |
| **Database Best Match Score:** | | 100.00% | **Expasy Best Match Cell Line No:** | CVCL\_A352 Best |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **Expasy** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **Expasy Best Match Profile** |
| D5S818 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 9 | 11 |  |  | 9,11 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 16 |  |  |  | 16 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 10 | 11 |  |  | 10,11 |
| CSF1PO | | 11 |  |  |  | 11 |
| D21S11 | | 28 | 30 |  |  | 28,30 |

| 21 | **Sample ID:** | 2-67-25422$hcc2108 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 22 | **Sample ID:** | 2-68-25422$ncih1155 | **DSMZ Best Match Cell Name:** | NCI-H1155 [H1155] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5818 |

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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 **DSMZ** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **DSMZ Best Match Profile** |
| D5S818 | | 10 |  |  |  | 10 |
| D13S317 | | 14 |  |  |  | 14 |
| D7S820 | | 8 |  |  |  | 8 |
| D16S539 | | 9 |  |  |  | 9 |
| vWA | | 15 |  |  |  | 15 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 32.2 |  |  |  |  |

| 22 | **Sample ID:** | 2-68-25422$ncih1155 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 23 | **Sample ID:** | 2-69-25422$ncih1573 | **DSMZ Best Match Cell Name:** | NCI-H1573 [H1573] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5877 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 11 | 13 |  |  | 11,13 |
| D7S820 | | 9 | 11 |  |  | 9,11 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 17 | 18 |  |  | 17,18 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 29 |  |  |  |  |

| 23 | **Sample ID:** | 2-69-25422$ncih1573 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 24 | **Sample ID:** | 2-70-25422$ncih2009 | **DSMZ Best Match Cell Name:** | NCI-H2009 [H2009] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5911 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 13 |  |  |  | 13 |
| D13S317 | | 12 |  |  |  | 12 |
| D7S820 | | 9 | 11 |  |  | 9,11 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 14 |  |  |  | 14 |
| TH01 | | 9.3 |  |  |  | 9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 29 |  |  |  |  |

| 24 | **Sample ID:** | 2-70-25422$ncih2009 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 25 | **Sample ID:** | 2-71-25422$NCI-H2291 | **COG Best Match Cell Name:** | H2291 |
| **Database Best Match Score:** | | 100.00% | **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 | 13 |  |  | 12 |
| D13S317 | | 8 |  |  |  | 8 |
| D7S820 | | 9 | 11 |  |  | 9,11 |
| D16S539 | | 9 | 12 |  |  | 9,12 |
| vWA | | 14 |  |  |  | 14 |
| TH01 | | 9 | 9.3 |  |  | 9,9.3 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 12 |  |  |  | 12 |
| D21S11 | | 30 | 30.2 |  |  |  |

| 25 | **Sample ID:** | 2-71-25422$NCI-H2291 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 26 | **Sample ID:** | 2-72-25422$ncih1944 | **DSMZ Best Match Cell Name:** | NCI-H1944 [H1944] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5907 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 |  |  |  | 11 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 11 | 12 |  |  | 11,12 |
| D16S539 | | 11 |  |  |  | 11 |
| vWA | | 17 | 18 |  |  | 17,18 |
| TH01 | | 6 | 7 |  |  | 6,7 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 13 |  |  |  | 13 |
| D21S11 | | 28 | 31 |  |  |  |

| 26 | **Sample ID:** | 2-72-25422$ncih1944 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 27 | **Sample ID:** | 2-73-25422$ncih460 | **DSMZ Best Match Cell Name:** | NCI-H460 [H460] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | HTB-177 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 9 | 10 |  |  | 9,10 |
| D13S317 | | 13 |  |  |  | 13 |
| D7S820 | | 9 | 12 |  |  | 9,12 |
| D16S539 | | 9 |  |  |  | 9 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9.3 |  |  |  | 9.3 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 11 | 12 |  |  | 11,12 |
| D21S11 | | 30 |  |  |  |  |

| 27 | **Sample ID:** | 2-73-25422$ncih460 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 28 | **Sample ID:** | 2-74-25422$ncih647 | **DSMZ Best Match Cell Name:** | NCI-H647 [H647] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5834 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 9 | 11 |  |  | 9,11 |
| D7S820 | | 10 |  |  |  | 10 |
| D16S539 | | 9 |  |  |  | 9 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 6 | 9.3 |  |  | 6,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 |  |  |  | 11 |
| CSF1PO | | 10 |  |  |  | 10 |
| D21S11 | | 28 | 32.2 |  |  |  |

| 28 | **Sample ID:** | 2-74-25422$ncih647 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 29 | **Sample ID:** | 2-75-25422$ncih650 | **DSMZ Best Match Cell Name:** | NCI-H650 [H650] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5835 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 |  |  |  | 11 |
| D13S317 | | 8 | 12 |  |  | 8,12 |
| D7S820 | | 10 | 11 |  |  | 10,11 |
| D16S539 | | 8 | 11 |  |  | 8,11 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 6 | 9.3 |  |  | 6,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 10 |  |  |  | 10 |
| D21S11 | | 31 |  |  |  |  |

| 29 | **Sample ID:** | 2-75-25422$ncih650 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 30 | **Sample ID:** | 2-76-25422$rerflcad1 | **Expasy Best Match Cell Name:** | RERF-LC-Ad1 |
| **Database Best Match Score:** | | 96.30% | **Expasy Best Match Cell Line No:** | CVCL\_1651 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **Expasy** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **Expasy Best Match Profile** |
| D5S818 | | 12 |  |  |  | 12 |
| D13S317 | | 13 |  |  |  | 13 |
| D7S820 | | 11 | 12 |  |  | 11,12 |
| D16S539 | | 9 | 12 |  |  | 9,12 |
| vWA | | 14 | 17 |  |  | 14,17 |
| TH01 | | 9 |  |  |  | 6,9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 12 | 13 |  |  | 12,13 |
| D21S11 | | 29 | 30 |  |  |  |

| 30 | **Sample ID:** | 2-76-25422$rerflcad1 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 31 | **Sample ID:** | 2-77-25422$NCI-H2347 | **Clima Best Match Cell Name:** | 2-77-25422$NCI-H2347 |
| **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 | |  |  |  |  |  |
| D13S317 | |  |  |  |  |  |
| D7S820 | |  |  |  |  |  |
| D16S539 | | 11 |  |  |  |  |
| vWA | | 16 |  |  |  |  |
| TH01 | |  |  |  |  |  |
| AMEL | | X |  |  |  |  |
| TPOX | | 8 |  |  |  |  |
| CSF1PO | |  |  |  |  |  |
| D21S11 | |  |  |  |  |  |

| 31 | **Sample ID:** | 2-77-25422$NCI-H2347 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 32 | **Sample ID:** | 2-78-25422$A427 | **DSMZ Best Match Cell Name:** | A-427 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-7906 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 |  |  | 11,12 |
| D7S820 | | 8 | 12 |  |  | 8,12 |
| D16S539 | | 11 | 13 |  |  | 11,13 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 31.2 |  |  |  |  |

| 32 | **Sample ID:** | 2-78-25422$A427 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 33 | **Sample ID:** | 2-79-25422$BT474 | **DSMZ Best Match Cell Name:** | BT-474 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-64 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 9 | 12 |  |  | 9,12 |
| D16S539 | | 9 | 11 |  |  | 9,11 |
| vWA | | 15 | 16 |  |  | 15,16 |
| TH01 | | 7 |  |  |  | 7 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 11 |  |  | 10,11 |
| D21S11 | | 28 | 32.2 |  |  |  |

| 33 | **Sample ID:** | 2-79-25422$BT474 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 34 | **Sample ID:** | 2-80-25422$BX-PC3\_EF1aL-Cas9-Blast\_c028 | **Expasy Best Match Cell Name:** | BxPC-3 |
| **Database Best Match Score:** | | 95.65% | **Expasy Best Match Cell Line No:** | CVCL\_0186 Best |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **Expasy** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **Expasy Best Match Profile** |
| D5S818 | | 11 |  |  |  | 11 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 10 | 13 |  |  | 10,13 |
| D16S539 | | 11 |  |  |  | 9,11 |
| vWA | | 14 | 18 |  |  | 14,18 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 13 |  |  |  | 13 |
| D21S11 | | 29 |  |  |  | 29 |

| 34 | **Sample ID:** | 2-80-25422$BX-PC3\_EF1aL-Cas9-Blast\_c028 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 35 | **Sample ID:** | 2-81-25422$DV90 | **DSMZ Best Match Cell Name:** | DV-90 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-307 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 10 | 12 |  |  | 10,12 |
| D7S820 | | 11 | 14 |  |  | 11,14 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 14 | 15 |  |  | 14,15 |
| TH01 | | 7 | 8 |  |  | 7,8 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 31 | 31.2 |  |  |  |

| 35 | **Sample ID:** | 2-81-25422$DV90 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 36 | **Sample ID:** | 2-82-25422$MCF7 | **DSMZ Best Match Cell Name:** | MCF7 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | RCB1904 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 8 | 9 |  |  | 8,9 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 14 | 15 |  |  | 14,15 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 9 | 12 |  |  | 9,12 |
| CSF1PO | | 10 |  |  |  | 10 |
| D21S11 | | 30 |  |  |  |  |

| 36 | **Sample ID:** | 2-82-25422$MCF7 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 37 | **Sample ID:** | 2-83-25422$MCF7\_NCI | **DSMZ Best Match Cell Name:** | MOLM-13 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-554 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 10 | 11 |  |  | 10,11 |
| D13S317 | | 10 | 11 |  |  | 10,11 |
| D7S820 | | 10 | 12 |  |  | 10,12 |
| D16S539 | | 10 | 11 |  |  | 10,11 |
| vWA | | 16 | 17 |  |  | 16,17 |
| TH01 | | 7 |  |  |  | 7 |
| AMEL | | X | Y |  |  | X,Y |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 30 | 31 |  |  |  |

| 37 | **Sample ID:** | 2-83-25422$MCF7\_NCI | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 38 | **Sample ID:** | 2-84-25422$Molm13 | **DSMZ Best Match Cell Name:** | MCF7 |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | RCB1904 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 |  |  | 11,12 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 8 | 9 |  |  | 8,9 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 14 | 15 |  |  | 14,15 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 9 | 12 |  |  | 9,12 |
| CSF1PO | | 10 |  |  |  | 10 |
| D21S11 | | 30 |  |  |  |  |

| 38 | **Sample ID:** | 2-84-25422$Molm13 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 39 | **Sample ID:** | 2-85-25422$NCI-H1573 | **DSMZ Best Match Cell Name:** | NCI-H1573 [H1573] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5877 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 11 | 13 |  |  | 11,13 |
| D7S820 | | 9 | 11 |  |  | 9,11 |
| D16S539 | | 12 |  |  |  | 12 |
| vWA | | 17 | 18 |  |  | 17,18 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 10 | 12 |  |  | 10,12 |
| D21S11 | | 29 |  |  |  |  |

| 39 | **Sample ID:** | 2-85-25422$NCI-H1573 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 40 | **Sample ID:** | 2-86-25422$NCI-H1944 | **DSMZ Best Match Cell Name:** | NCI-H1944 [H1944] |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-5907 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 |  |  |  | 11 |
| D13S317 | | 11 |  |  |  | 11 |
| D7S820 | | 11 | 12 |  |  | 11,12 |
| D16S539 | | 11 |  |  |  | 11 |
| vWA | | 17 | 18 |  |  | 17,18 |
| TH01 | | 6 | 7 |  |  | 6,7 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 13 |  |  |  | 13 |
| D21S11 | | 28 | 31 |  |  |  |

| 40 | **Sample ID:** | 2-86-25422$NCI-H1944 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 41 | **Sample ID:** | 2-87-25422$MAPAC-HS-77 | **Expasy Best Match Cell Name:** | MaPaC-HS-77 |
| **Database Best Match Score:** | | 100.00% | **Expasy Best Match Cell Line No:** | CVCL\_LM84 Best |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 **Expasy** Database. | | | | | |
| **Marker Characterization** | | | | | | |
| **Marker** | | **Allele 1** | **Allele 2** | **Allele 3** | **Allele 4** | **Expasy Best Match Profile** |
| D5S818 | | 12 | 13 |  |  | 12,13 |
| D13S317 | | 11 | 13 |  |  | 11,13 |
| D7S820 | | 10 | 11 |  |  | 10,11 |
| D16S539 | | 9 | 11 |  |  | 9,11 |
| vWA | | 17 | 19 |  |  | 17,19 |
| TH01 | | 6 | 9.3 |  |  | 6,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 11 |  |  |  | 11 |
| D21S11 | | 28 |  |  |  | 28 |

| 41 | **Sample ID:** | 2-87-25422$MAPAC-HS-77 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 42 | **Sample ID:** | 2-88-25422$MAPAC-HS-77-Cas9 | **DSMZ Best Match Cell Name:** | HPAF-II |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-1997 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 12 | 13 |  | 11,13 |
| D13S317 | | 11 | 12 | 13 |  | 12 |
| D7S820 | | 10 | 11 | 13 |  | 10,13 |
| D16S539 | | 9 | 11 | 13 |  | 11,13 |
| vWA | | 17 | 19 |  |  | 17 |
| TH01 | | 6 | 9 | 9.3 |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8 |
| CSF1PO | | 10 | 11 |  |  | 10,11 |
| D21S11 | | 28 | 31 |  |  |  |

| 42 | **Sample ID:** | 2-88-25422$MAPAC-HS-77-Cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 43 | **Sample ID:** | 2-89-25422$KP-2 | **ICLC 2 Best Match Cell Name:** | 293T |
| **Database Best Match Score:** | | 92.86% | **ICLC 2 Best Match Cell Line No:** | HTL04001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 8 | 9 |  |  | 8,9 |
| D13S317 | | 12 |  |  |  | 12 |
| D7S820 | | 11 |  |  |  | 11 |
| D16S539 | | 9 | 14 |  |  | 9,13 |
| vWA | | 14 | 16 | 19 |  | 16,19 |
| TH01 | | 7 | 9.3 |  |  | 7,9.3 |
| AMEL | | X |  |  |  | X |
| TPOX | | 11 |  |  |  | 11 |
| CSF1PO | | 11 | 12 |  |  | 11,12 |
| D21S11 | | 28 | 31.2 |  |  | 28,30.2 |

| 43 | **Sample ID:** | 2-89-25422$KP-2 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 44 | **Sample ID:** | 2-90-25422$HPAFII | **DSMZ Best Match Cell Name:** | HPAF-II |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-1997 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 12 |  |  |  | 12 |
| D7S820 | | 10 | 13 |  |  | 10,13 |
| D16S539 | | 11 | 13 |  |  | 11,13 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 11 |  |  | 10,11 |
| D21S11 | | 31 |  |  |  |  |

| 44 | **Sample ID:** | 2-90-25422$HPAFII | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 45 | **Sample ID:** | 2-91-25422$HPAFII-Cas9 | **DSMZ Best Match Cell Name:** | HPAF-II |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | CRL-1997 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 12 |  |  |  | 12 |
| D7S820 | | 10 | 13 |  |  | 10,13 |
| D16S539 | | 11 | 13 |  |  | 11,13 |
| vWA | | 17 |  |  |  | 17 |
| TH01 | | 9 |  |  |  | 9 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 |  |  |  | 8 |
| CSF1PO | | 10 | 11 |  |  | 10,11 |
| D21S11 | | 31 |  |  |  |  |

| 45 | **Sample ID:** | 2-91-25422$HPAFII-Cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 46 | **Sample ID:** | 2-92-25422$PATU8988s | **DSMZ Best Match Cell Name:** | PA-TU-8988T |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-162 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 12 | 13 |  |  | 12,13 |
| D7S820 | | 7 | 8 |  |  | 7,8 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 16 |  |  |  | 16 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 11 | 13 |  |  | 11,13 |
| D21S11 | | 26 |  |  |  |  |

| 46 | **Sample ID:** | 2-92-25422$PATU8988s | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 47 | **Sample ID:** | 2-93-25422$PATU8988s-Cas9 | **DSMZ Best Match Cell Name:** | PA-TU-8988T |
| **Database Best Match Score:** | | 100.00% | **DSMZ Best Match Cell Line No:** | ACC-162 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | | 11 | 13 |  |  | 11,13 |
| D13S317 | | 12 | 13 |  |  | 12,13 |
| D7S820 | | 7 | 8 |  |  | 7,8 |
| D16S539 | | 11 | 12 |  |  | 11,12 |
| vWA | | 16 |  |  |  | 16 |
| TH01 | | 6 |  |  |  | 6 |
| AMEL | | X |  |  |  | X |
| TPOX | | 8 | 11 |  |  | 8,11 |
| CSF1PO | | 11 | 13 |  |  | 11,13 |
| D21S11 | | 26 |  |  |  |  |

| 47 | **Sample ID:** | 2-93-25422$PATU8988s-Cas9 | **Sample's Electropherogram** |
| --- | --- | --- | --- |
| **Marker Raw Data** | | | |
|  | | | |