**Table, Supplementary Digital Content 1**. PCR primers utilized for multiplex PCR reactions.

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| Group | Marker | Fluorescence dyes | Primer sequences |
| Group 1 | BAT25 | HEX | Forward | CTCGCCTCCAAGAATGTAA |
| Reverse | CAGGAAACAGCTATGACTCTGCATTTTAACTATGGCTCTA |
| BAT26 | FAM | Forward | TGACTACTTTTGACTTCAGCC |
| Reverse | AACCATTCAACATTTTTAACCC |
| D20S85 | NED | Forward | TGGGAGTATCCAGAGAGCTA |
| Reverse | CTCCAGCATGAATTACAGTGTGAGA |
| D9S242 | FAM | Forward | TGTAAAACGACGGCCAGTGAGAGTTCCTTCTGGCTTTT |
| Reverse | CAGGAAACAGCTATGACTCCAGTACAAGACTCTGTCAA |
| Group 2 | D2S123 | HEX | Forward | CAGGATGCCTGCCTTTA |
| Reverse | GACTTTCCACCTATGGGA |
| D5S346 | HEX | Forward | ACTCACTCTAGTGATAAATCGG |
| Reverse | AGCAGATAAGACAGTATTACTAGTT |
| D17S250 | NED | Forward | AAAAGGAAGAATCAAATAGACAATAAA |
| Reverse | CAGCTGGCCATATATATATTTAA |
| MYCL1 | FAM | Forward | TGGCGAGACTCCATCAAA |
| Reverse | CTTTTAAGCTGCAACAATTTC |
| Group 3 | D19S394 | HEX | Forward | TGTAAAACGACGGCCAGTGAGACCCTGTCAAAAAAAGAAAG |
| Reverse | TGTCTTCCTGACTACCAGG |
| D8S321 | FAM | Forward | TGTAAAACGACGGCCAGTGAAAAGAGTGAGCAAGAGAGAG |
| Reverse | CCCTCCCTCCTTTTCTTTT |
| Group 4 | RBM47 | HEX | Forward | TGAAGGATTGTCACAGAGTTTCA |
| Reverse | AGTTTGGTGGTTGCCATGTT |
| D20S82 | FAM | Forward | GAGTGAGACCCTGTCAAAAAAAACA |
| Reverse | ATCTCAGTAGTCAGCCAGTG |
| D18S64 | HEX | Forward | TAACTAGAGACAGGCAGAAAA |
| Reverse | AATCAGGAAATCGGCACT |
| D18S69 | FAM | Forward | CTCTTTCTCTGACTCTGACC |
| Reverse | GACTTTCTAAGTTCTTGCCAG |