Table of STR lengths associated with each person. Answer question 2 in the lab report to get the STR lengths for TPOX.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Person | TPOX | CSF1PO | D5S818 | THO1 |
| Lane Clean | 8, 10 | 10, 13 | 11, 13 | 7, 10 |
| Mr. Clean | 8, 9 | 12, 13 | 12 | 7, 9.3 |
| Mrs. Clean | 8, 10 | 10, 11 | 10, 13 | 8, 10 |
| Sarah Deceased | 9, 12 | 10, 13 | 11, 12 | 8, 9.3 |
| Mr. Deceased | 9, 10 | 11, 13 | 11, 14 | 7, 8 |
| Mrs. Deceased | 8, 12 | 12 | 12, 13 | 8, 9 |
| Rose Pupil | 9, 12 | 12, 13 | 11, 13 | 7, 8 |
| Mr. Pupil | 8, 9 | 11, 13 | 10, 12 | 8, 10 |
| Mrs. Pupil | 8, 12 | 10, 12 | 11, 14 | 7, 9.3 |
| Sample A (Mrs. Clean) | 8, 10 | 10, 11 | 10, 13 | 8, 10 |
| Sample B (Mr. Clean) | 8, 9 | 12, 13 | 12 | 7, 9.3 |
| Sample C (Mrs. Pupil) | 8, 12 | 10, 12 | 11, 14 | 7, 9.3 |
| Sample D (Mr. Clean) | 8, 9 | 12, 13 | 12 | 7, 9.3 |

Lane cannot be Mr. Clean’s child because the D5S818 STR lengths do no match up

Sarah cannot be Mrs. Deceased’s child because the CSF1PO and THO1 SRT lengths do not match up.

Rose cannot be Mr. Pupil’s child because the D5S818 STR lengths do no match up

Mr. Clean’s blood was found twice in the samples collected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Person | TPOX | CSF1PO | D5S818 | THO1 |
| Lane Clean | 8, 10 | 10, 13 | 11, 13 | 7, 10 |
| Mrs. Clean | 8, 10 | 10, 11 | 10, 13 | 8, 10 |
| Mr. Deceased | 9, 10 | 11, 13 | 11, 14 | 7, 8 |
| PI |  |  |  |  |

There is a possibility that Lane Clean could be the child of Mrs. Clean and Mr. Deceased because she is most definitely not Mr. Clean’s child by Paternity Test even without any PI calculations.