## Exercise 3



Figure 3.1

## D3



Figure 3.2: D3 showing presence of 14 and 16 alleles.

VWA


Figure 3.3 VWA showing presence of15, 16 and 19 alleles.

## D16



Figure 3.4 D16 showing presence of 9 and 11 alleles.

## D2



Figure 3.5 D2 showing presence of 16 and 19 alleles.

Amelo


Figure 3.6 Amelo showing presence of $X$ and $Y$ alleles.

## D8

| +Q ${ }^{130}$ | $135 \quad 140$ | 145 | $150 \quad 155$ | $160 \quad 165$ | 170 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  |  | $\begin{array}{r} 16 \\ \hline \end{array}$ |  |
| $\square \square 12 \mathrm{G}: 11$ *SANIT ARY TOWEL / EXERCISE 3 |  |  |  |  |  |
| X: $\quad Y$ : | 杖 |  |  |  | 4 |
| Dye/Sample Peak | Minutes | Size | Peak Height | Peak Area | Data Point |
| 12G, 4 | 50.61 | 136.46 | 61 | 315 | 1898 |
| 12G, 5 | 51.60 | 140.43 | 1142 | 5823 | 1935 |
| 12G, 6 | 52.67 | 144.68 | 52 | 262 | 1975 |
| 12G, 7 | 53.71 | 148.76 | 1103 | 5784 | 2014 |
| $\square 12 \mathrm{G}, 8$ | 55.79 | 156.57 | 300 | 1614 | 2092 |
| $\square 12 \mathrm{G}, 9$ | 56.85 | 160.50 | 237 | 1264 | 2132 |
| $\square 12010$ | 6731 | 19971 | 745 | 4794 | 2574 |

Figure 3.7 D8 showing presence of 11, 13, 15 and 16 alleles.

## D21

|  | +Q 190 | $195 \quad 200$ | 205 | 210 | 215 | 220 | 225 | 230 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| $\square \square 12 \mathrm{Q}: 11$ * SANIT ARY TOWEL / EXERCISE 3 |  |  |  |  |  |  |  |  |  |  |
| X: | : Y : |  | IIII |  |  |  |  |  | 4 |  |
|  | Dye/Sample Peak | Minutes | Size |  | Peak Height |  | Peak Area |  |  |  |
|  | 12G, 10 | 67.31 | 199.21 |  | 745 |  | 4294 |  | 52 |  |
|  | 12G, 11 | 68.40 | 203.25 |  | 224 |  | 1373 |  | 56 |  |
|  | 12G, 12 | 69.52 | 207.38 |  | 763 |  | 4664 |  | 60 |  |
|  | 12G, 13 | 73.41 | 221.64 |  | 203 |  | 1302 |  | 75 |  |
| $\square$ | 12014 | प5 17 | 79771 |  | 178 |  | 80\% |  |  |  |

Figure 3.8 D21 showing presence of 27, 28, 28 and 32.2 alleles.

## D18



Figure 3.9 D18 showing presence of 15, 16, 17 and 20 alleles.

## D19



Figure 3.10 D19 showing presence of 13 and 15 alleles.

## THO1



Figure 3.11 TH 01 showing presence of 7,9 and 9.3 alleles.

FGA


Figure 3.12 FGA showing presence of 22,23 and 25 alleles.

