



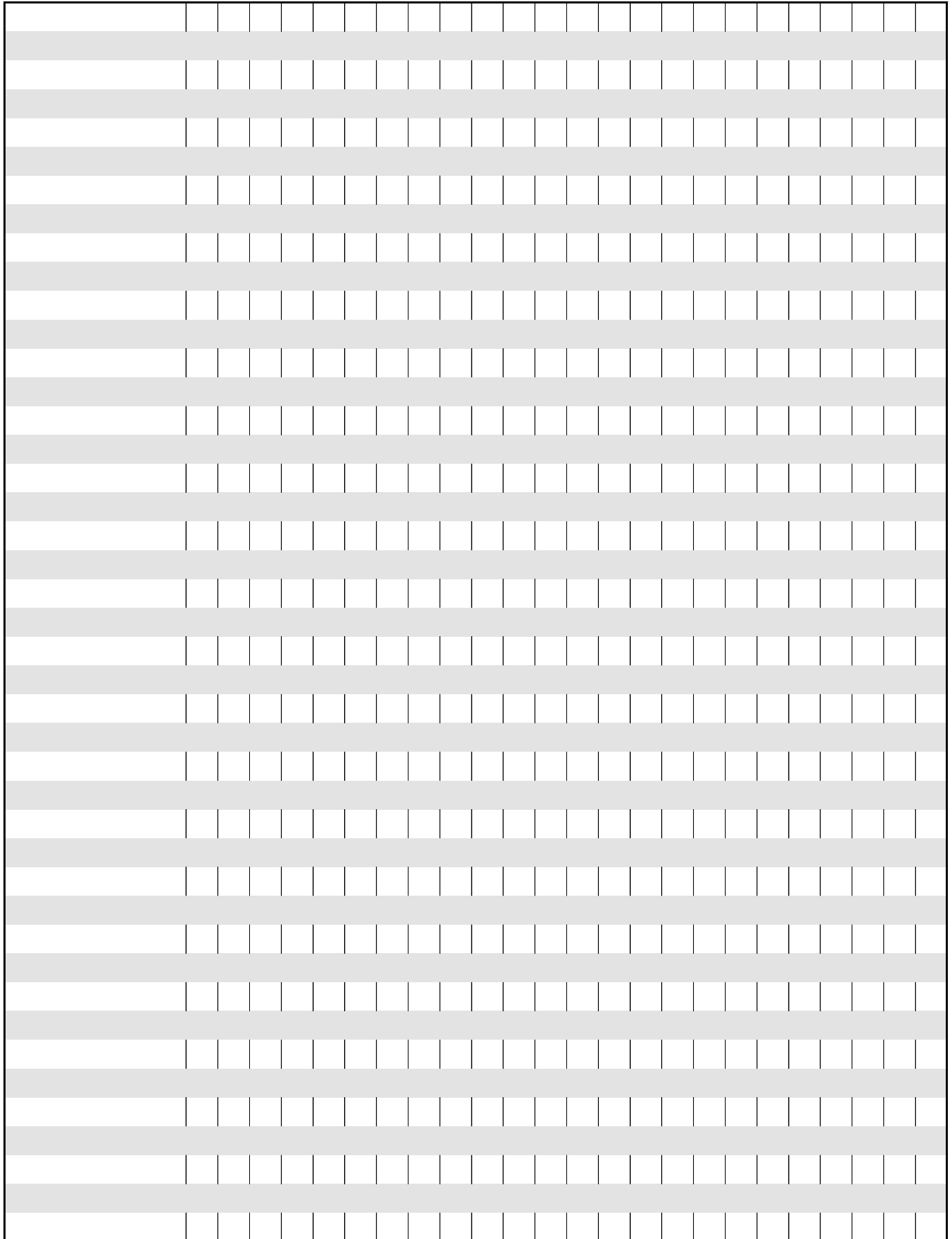
[illegible]

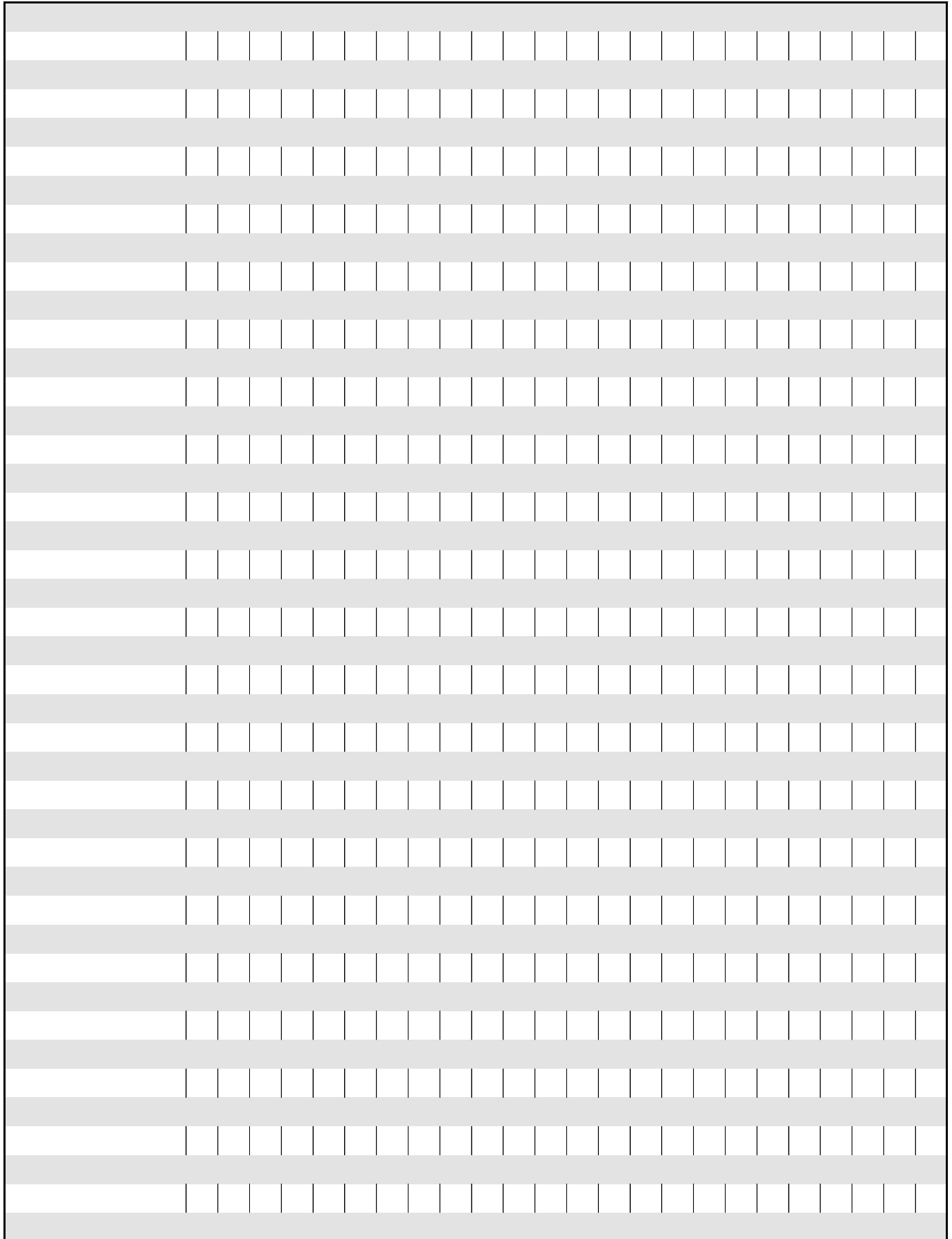
| Well No.                                                | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|---------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Length of spec.                                         | 245 | 220 | 100 | 140 | 235 | 165 | 160 | 210 | 165 | 220 | 185 | 80 | 180 | 105 | 200 | 80  | 260 | 180 | 200 | 235 | 100 | 185 | 145 | 195 |
| PCR product(s)                                          |     |     |     |     |     |     |     |     |     |     |     |    |     | 175 |     | 165 |     |     |     |     |     |     | 210 | 265 |
|                                                         |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 210 |     |     |     |     |     |     |     |     |
| Well No.                                                | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| DPB1 allele <sup>4</sup>                                |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *01:01:01-01:01:03                                      | 1   | 2   | 3   | 4   | 5   | 6   | 7   |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *02:01:02, 02:01:04-<br>02:01:05, 02:01:07-<br>02:01:08 |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *02:01:03                                               |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | w  |     |     |     |     |     |     |     |     |     |     |     |     |
| *02:01:06                                               |     |     |     |     |     |     |     | 8   | w   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *02:02                                                  |     |     |     |     |     |     |     | 8   | 9   | 10  |     |    | 13  | 14  | 15  |     |     |     |     |     |     |     |     |     |
| *03:01:01-03:01:02                                      | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *04:01:01:01-<br>04:01:03                               |     |     | 3   | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *04:02:01:01-<br>04:02:01:02                            |     |     |     |     |     |     |     | 8   | 9   |     | 11  |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *05:01:01-05:01:02                                      |     |     |     |     |     |     |     | 8   | 9   |     |     |    | 13  | 14  |     |     |     |     |     |     |     |     | 23  | 24  |
| *06:01                                                  |     |     |     |     |     |     |     |     | 9   |     |     | 12 |     |     |     |     | 17  | 18  | 19  |     |     |     |     |     |
| *08:01                                                  |     |     |     |     | 5   |     |     | 8   |     | 10  |     | 12 |     |     |     |     |     |     |     |     |     |     |     | 24  |
| *09:01:01-09:01:02                                      |     |     |     |     |     |     |     |     |     |     |     | 12 |     |     |     |     | 17  | 18  |     | 20  | 21  |     |     |     |
| *10:01                                                  |     |     |     |     |     |     |     |     |     |     |     | 12 |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *11:01:01                                               |     |     | 3   |     |     |     |     |     |     |     |     |    |     |     |     |     | 17  |     | 19  |     |     |     |     |     |
| *11:01:02                                               |     |     | 3   |     |     |     |     |     |     |     |     |    |     |     |     |     | 17  |     | 19  |     |     |     |     |     |
| *13:01                                                  | 1   |     | 3   |     |     | 6   | 7   |     |     |     |     |    |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *14:01                                                  |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *15:01                                                  |     |     | 3   |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *16:01                                                  |     |     |     |     |     |     |     | 8   | 9   | 10  |     | 12 |     |     |     |     |     |     |     |     |     |     |     | 24  |
| *17:01                                                  |     |     |     |     |     |     |     |     | 9   |     |     | 12 |     |     |     |     | 17  | 18  |     |     |     |     |     |     |
| *18:01                                                  |     | 2   |     |     |     |     |     |     | 9   |     |     |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *19:01                                                  |     |     |     |     | 5   |     |     | 8   | 9   | 10  |     |    | 13  |     |     |     |     |     |     |     |     |     |     | 24  |
| *20:01:01-20:01:02                                      |     | 2   |     |     |     |     |     |     | 9   |     |     |    |     |     |     | 16  | 17  | 18  | 19  |     |     |     |     |     |
| *21:01                                                  |     |     |     |     |     |     |     |     | 9   |     |     |    |     | 14  |     |     | 17  |     |     |     |     |     |     |     |
| *22:01                                                  |     |     |     |     |     |     |     | 8   | 9   | 10  |     |    | 13  | 14  |     |     |     |     |     |     |     |     |     | 24  |
| *23:01                                                  |     |     |     |     |     |     |     | 8   | 9   |     | 11  |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *24:01                                                  |     |     |     | 4   |     |     |     | 8   |     |     | 11  |    | 13  |     |     |     |     |     |     |     |     | 22  |     |     |
| *25:01                                                  | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  |     | 19  | 20  |     |     |     |     |
| *26:01:01-26:01:02                                      | 1   | 2   | 3   | 4   |     | 6   | 7   |     |     |     |     |    |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *27:01                                                  |     | 2   | 3   | 4   |     |     |     |     |     |     |     |    |     |     |     |     | 17  |     |     |     |     |     |     |     |
| *28:01                                                  |     |     |     | 4   |     |     |     |     |     |     |     |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *29:01                                                  | 1   |     |     |     |     |     |     |     |     |     |     | 12 |     |     |     |     | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *30:01                                                  |     |     |     |     |     |     |     |     | 9   |     |     |    |     | 14  |     |     | 17  |     |     |     |     |     |     |     |
| *31:01                                                  |     |     | 3   |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     | 24  |
| *32:01                                                  |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *33:01                                                  |     |     | 3   |     |     |     |     | 8   |     | 10  | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| Well No.                                                | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |

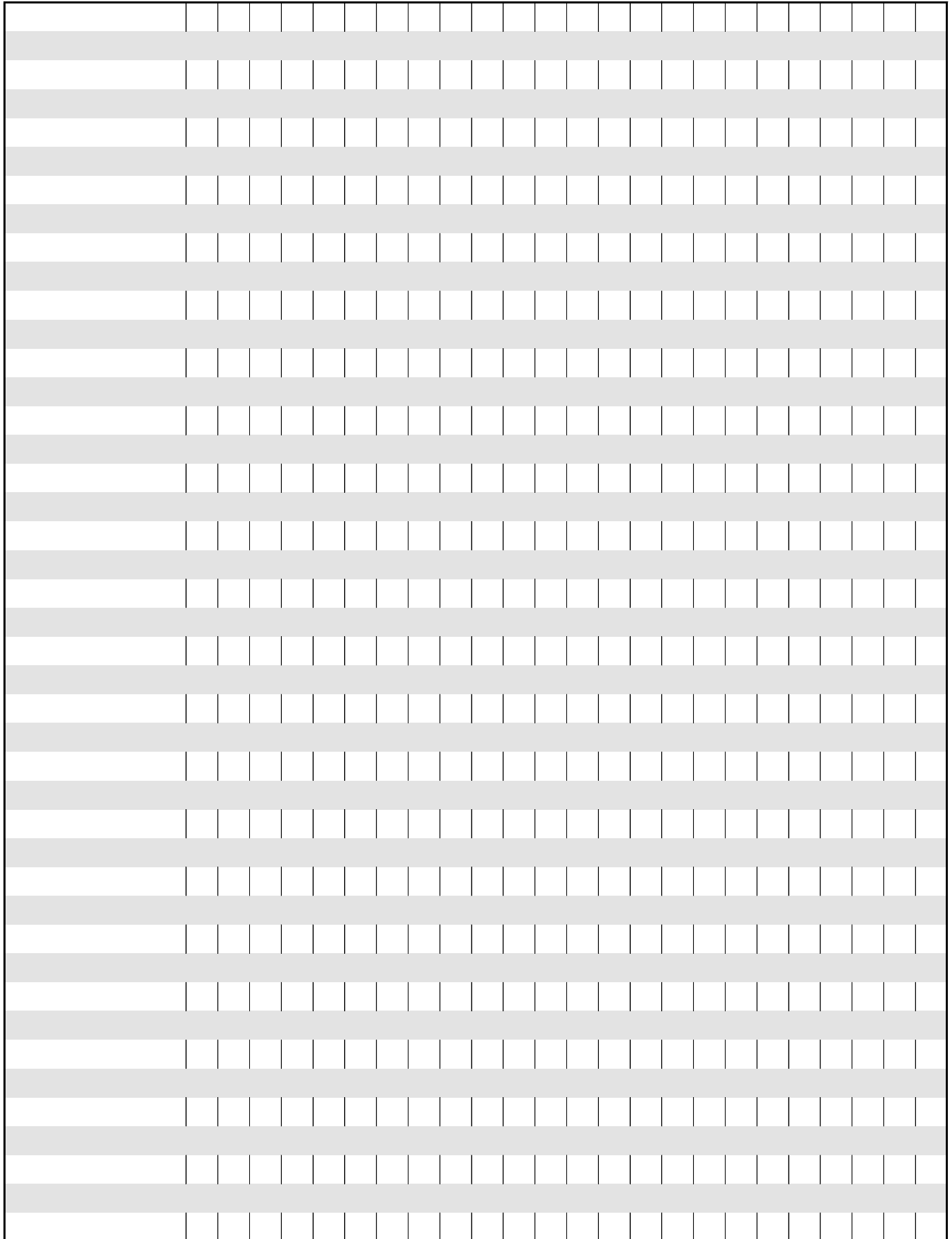
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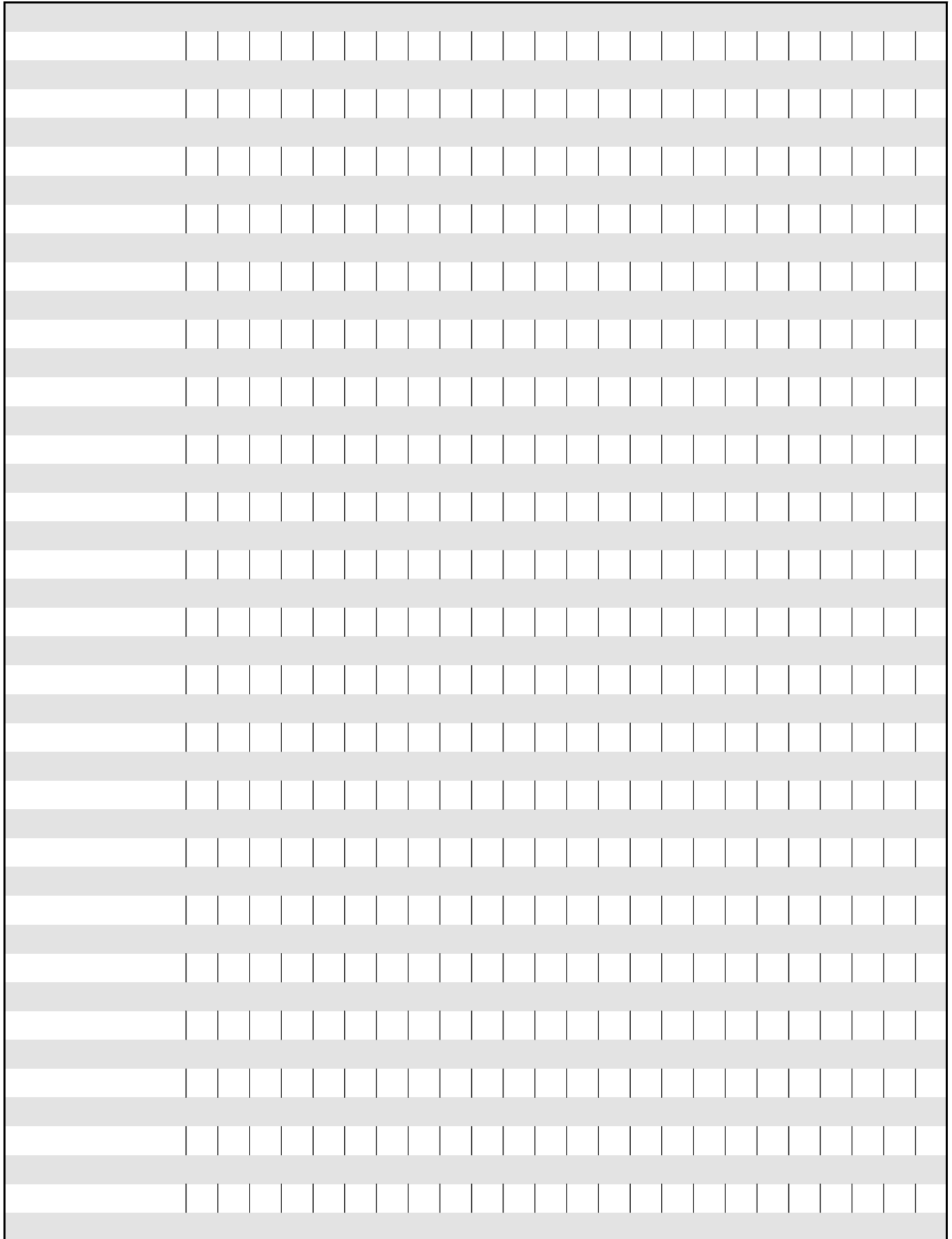
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|                    |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| *17:01             |     |     |     |     |     |     |     |     | 9   |     |     | 12 |     |     |     |     | 17  | 18  |     |     |     |     |     |     |
| *18:01             |     | 2   |     |     |     |     |     |     | 9   |     |     |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *19:01             |     |     |     |     | 5   |     |     | 8   | 9   | 10  |     |    | 13  |     |     |     |     |     |     |     |     |     |     | 24  |
| *20:01:01-20:01:02 |     | 2   |     |     |     |     |     |     | 9   |     |     |    |     |     |     | 16  | 17  | 18  | 19  |     |     |     |     |     |
| *21:01             |     |     |     |     |     |     |     |     | 9   |     |     |    |     | 14  |     |     | 17  |     |     |     |     |     |     |     |
| *22:01             |     |     |     |     |     |     |     | 8   | 9   | 10  |     |    | 13  | 14  |     |     |     |     |     |     |     |     |     | 24  |
| *23:01             |     |     |     |     |     |     |     | 8   | 9   |     | 11  |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *24:01             |     |     |     | 4   |     |     |     | 8   |     |     | 11  |    | 13  |     |     |     |     |     |     |     | 22  |     |     |     |
| *25:01             | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  |     | 19  | 20  |     |     |     |     |
| *26:01:01-26:01:02 | 1   | 2   | 3   | 4   |     | 6   | 7   |     |     |     |     |    |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *27:01             |     | 2   | 3   | 4   |     |     |     |     |     |     |     |    |     |     |     |     | 17  |     |     |     |     |     |     |     |
| *28:01             |     |     |     | 4   |     |     |     |     |     |     |     |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *29:01             | 1   |     |     |     |     |     |     |     |     |     |     | 12 |     |     |     |     | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *30:01             |     |     |     |     |     |     |     |     | 9   |     |     |    |     | 14  |     |     | 17  |     |     |     |     |     |     |     |
| *31:01             |     |     | 3   | 4   |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     | 24  |
| *32:01             |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *33:01             |     |     | 3   |     |     |     |     | 8   |     |     | 10  | 11 |     |     |     |     |     |     |     |     |     | 22  |     |     |
| Well No.           | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| Length of spec.    | 245 | 220 | 100 | 140 | 235 | 165 | 160 | 210 | 165 | 220 | 185 | 80 | 180 | 105 | 200 | 80  | 260 | 180 | 200 | 235 | 100 | 185 | 145 | 195 |
| PCR product(s)     |     |     |     |     |     |     |     |     |     |     |     |    |     | 175 |     | 165 |     |     |     |     |     |     | 210 | 265 |
|                    |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 210 |     |     |     |     |     |     |     |     |
|                    |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| Well No.           | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| *34:01             |     |     |     |     |     |     |     |     | 9   |     |     |    |     |     |     |     |     |     |     |     |     |     |     | 23  |
| *35:01:01          |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  | 18  |     | 20  | 21  |     |     |     |
| *35:01:02          |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  | 18  |     | 20  | 21  |     |     |     |
| *36:01             |     | 2   |     |     |     |     |     |     | 9   |     |     |    |     | 14  |     |     | 17  |     |     |     |     |     |     | 23  |
| *37:01             | 1   |     |     |     |     |     |     |     |     |     |     | 12 |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *38:01             |     |     |     |     |     |     |     | 8   | 9   |     |     |    | 13  | 14  |     |     |     |     |     |     |     |     | 23  | 24  |
| *39:01             |     |     | 3   | 4   |     |     |     | 8   |     |     |     |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *40:01             |     |     | 3   | 4   |     |     |     | 8   |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *41:01:01-41:01:02 |     |     |     |     |     |     |     |     | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *44:01             | 1   |     |     |     |     |     |     |     |     |     |     | 12 |     |     |     |     | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *45:01             |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  |     | 19  | 20  |     |     |     |     |
| *46:01             |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *47:01             |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  |    | 13  |     |     |     |     |     |     |     |     |     |     |     |
| *48:01             |     |     |     |     |     |     |     | 8   | 9   | 10  |     | 12 |     |     | 15  |     |     |     |     |     |     |     |     |     |
| *49:01             |     |     |     | 4   |     |     |     | 8   |     |     |     |    |     |     |     | 16  |     |     |     |     |     | 22  |     |     |
| *50:01             | 1   | 2   |     |     | 5   |     |     |     |     |     |     |    |     |     |     | 16  |     |     |     |     | 21  |     |     |     |
| *51:01             |     |     |     | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     | 16  |     |     |     |     |     | 22  |     |     |
| *52:01             | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     |     |     | 17  |     | 19  | 20  |     |     |     |     |
| *53:01             |     |     |     | 4   |     |     |     | 8   |     |     |     |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *54:01             |     |     |     |     |     |     |     |     |     |     |     |    |     | 14  |     |     | 17  |     |     | 20  |     |     |     |     |
| *55:01             |     |     |     |     |     |     |     |     | 9   |     |     |    |     |     |     |     | 17  |     |     |     |     |     |     |     |
| *56:01             | 1   | 2   | 3   | 4   |     |     | 7   |     |     |     |     |    |     |     |     |     | 17  |     | 19  | 20  |     |     |     |     |
| *57:01             |     |     |     |     | 5   |     |     |     |     |     |     |    |     |     |     | 16  |     |     |     |     | 21  |     |     | 24  |
| *58:01             |     |     |     |     |     |     |     |     | 9   |     |     |    |     |     |     |     | 17  |     |     |     |     |     |     |     |
| *59:01             |     |     |     |     |     |     |     |     | 9   |     | 11  |    |     |     |     | 16  |     |     |     |     |     |     |     |     |

|                 |     |     |     |     |     |     |     |     |          |       |     |    |     |     |     |    |     |     |     |     |     |       |     |     |  |  |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-------|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-------|-----|-----|--|--|
| *60:01          |     |     |     |     | 8   |     |     |     | 9        | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *61:01N         | 1   | 2   |     |     |     |     |     |     |          |       |     |    | 16  |     |     |    | 17  | 18  | 19  | 20  | 21  |       |     |     |  |  |
| *62:01          |     |     |     |     | 8   |     |     |     | 9        |       |     |    |     |     |     |    |     |     |     |     |     | 23    |     |     |  |  |
| *63:01          |     |     |     |     | 8   |     |     |     | 9        |       |     |    |     |     |     |    |     |     |     |     |     | 23 24 |     |     |  |  |
| *64:01N         |     |     |     |     |     |     |     |     | 9        | 12    |     |    |     |     |     |    |     | 17  | 18  | 19  |     |       |     |     |  |  |
| *65:01          |     |     | 3   | 4   | 5   | 6   | 7   | 8   |          |       |     |    |     |     |     |    |     |     |     |     | 24  |       |     |     |  |  |
| *66:01          |     |     | 3   | 4   |     |     |     |     | 11       |       |     |    |     |     |     |    |     |     |     |     | 22  |       |     |     |  |  |
| *67:01          |     |     |     |     |     |     |     |     |          |       |     |    |     |     |     |    | 17  | 19  |     | 20  |     |       |     |     |  |  |
| *68:01          |     |     |     |     | 5   | 8   |     |     |          |       |     |    |     | 16  |     |    |     |     |     |     |     | 24    |     |     |  |  |
| *69:01          |     |     |     |     |     |     |     |     | 9        |       |     |    |     |     |     |    |     | 17  | 18  | 19  |     |       |     |     |  |  |
| *70:01          |     |     |     |     |     |     |     |     |          |       |     |    | 16  |     |     |    | 17  | 18  | 19  | 20  | 21  |       |     |     |  |  |
| *71:01          |     |     |     |     | 8   |     |     |     | 9        | 10    | 11  |    |     |     |     |    |     |     |     |     |     |       |     |     |  |  |
| *72:01          |     |     | 3   | 4   |     |     |     |     | 11       |       |     |    |     |     |     |    |     |     |     |     | 22  |       |     |     |  |  |
| *73:01          |     |     |     |     | 5   |     |     |     |          | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *74:01          |     |     | 3   |     |     |     |     |     |          |       |     |    |     |     |     |    |     | 19  |     |     |     |       |     |     |  |  |
| Well No.        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9        | 10    | 11  | 12 | 13  | 14  | 15  | 16 | 17  | 18  | 19  | 20  | 21  | 22    | 23  | 24  |  |  |
| Length of spec. | 245 | 220 | 100 | 140 | 235 | 165 | 160 | 210 | 165      | 220   | 185 | 80 | 180 | 105 | 200 | 80 | 260 | 180 | 200 | 235 | 100 | 185   | 145 | 195 |  |  |
| PCR product(s)  |     |     |     |     |     |     |     |     |          |       |     |    | 175 |     |     |    | 165 |     |     |     | 210 |       |     |     |  |  |
|                 |     |     |     |     |     |     |     |     |          |       |     |    |     |     |     |    | 210 |     |     |     |     |       |     |     |  |  |
|                 |     |     |     |     |     |     |     |     |          |       |     |    |     |     |     |    |     |     |     |     |     |       |     |     |  |  |
| Well No.        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9        | 10    | 11  | 12 | 13  | 14  | 15  | 16 | 17  | 18  | 19  | 20  | 21  | 22    | 23  | 24  |  |  |
| *75:01          |     |     |     |     | 5   | 8   |     |     |          | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *76:01          |     |     | 4   |     | 7   |     |     |     |          |       |     |    | 16  |     |     |    | 17  | 18  | 19  | 20  | 21  |       |     |     |  |  |
| *77:01          |     |     |     |     | 8   |     |     |     | 9        | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *78:01          | 1   | 2   |     |     |     |     |     |     |          |       |     |    | 16  |     |     |    | 17  | 18  | 19  | 20  | 21  |       |     |     |  |  |
| *79:01          | 1   | 2   |     |     |     |     |     |     |          |       |     |    | 16  |     |     |    | 17  | 20  |     |     |     |       |     |     |  |  |
| *80:01          |     |     |     |     | 8   |     |     |     | 9        | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *81:01          |     |     |     |     | 8   |     |     |     | 10 11 12 |       |     |    |     |     |     |    |     |     |     |     | 22  |       |     |     |  |  |
| *82:01          |     |     |     |     | 8   |     |     |     | 9        | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *83:01          |     |     |     |     |     |     |     |     | 9        | 11    |     |    |     | 16  |     |    |     |     |     |     |     |       |     |     |  |  |
| *84:01          |     |     |     |     | 5   | 8   |     |     |          |       |     |    |     |     |     |    |     |     |     |     |     | 24    |     |     |  |  |
| *85:01          |     |     | 2   | 3   | 4   |     |     |     |          |       |     |    |     |     |     |    |     | 17  |     |     |     |       |     |     |  |  |
| *86:01          |     |     |     |     |     |     |     |     | 9        | 11 12 |     |    |     |     |     |    |     | 18  |     |     |     |       |     |     |  |  |
| *87:01          | 2   |     |     |     |     |     |     |     | 9        | 12    |     |    |     |     |     |    |     | 17  | 19  |     |     |       |     |     |  |  |
| *88:01          | 1   |     |     |     |     |     |     |     | 12       |       |     |    |     |     |     |    | 17  | 18  | 20  |     | 21  |       |     |     |  |  |
| *89:01          | 2   |     | 3   | 4   |     |     |     |     |          |       |     |    |     |     |     |    |     |     |     |     |     |       |     |     |  |  |
| *90:01          | 1   | 2   | 3   | 4   | 5   | 7   |     |     |          |       |     |    |     |     |     |    |     |     |     |     |     |       |     |     |  |  |
| *91:01          |     |     |     |     |     |     |     |     | 9        |       |     |    |     | 16  |     |    |     | 17  | 18  | 19  |     |       |     |     |  |  |
| *92:01          | 1   | 2   | 4   |     | 7   |     |     |     |          |       |     |    | 16  |     |     |    | 17  | 18  | 19  | 20  | 21  |       |     |     |  |  |
| *93:01          |     |     |     |     |     |     |     |     | 9        | 12    |     |    |     |     |     |    |     | 17  |     |     |     |       |     |     |  |  |
| *94:01          |     |     |     |     | 8   |     |     |     | 9        | 11    |     |    |     |     |     |    |     |     |     |     |     |       |     |     |  |  |
| *95:01          |     |     |     |     |     |     |     |     | 9        | 10    |     |    |     |     | 15  |    |     |     |     |     |     |       |     |     |  |  |
| *96:01          |     |     | 3   | 4   | 8   |     |     |     |          |       |     |    |     |     |     |    |     |     |     |     | 22  |       |     |     |  |  |
| *97:01          |     |     |     |     | 8   |     |     |     | 9        |       |     |    |     | 13  | 14  |    |     |     |     |     |     | 23 24 |     |     |  |  |
| *98:01          |     |     |     |     |     |     |     |     | 9        |       |     |    |     | 16  |     |    |     | 17  | 18  |     |     |       |     |     |  |  |
| *99:01          | 3   |     | 4   | 8   |     |     |     | 11  |          |       |     | 15 |     |     |     | 16 |     |     |     |     | 22  |       |     |     |  |  |
| *100:01         |     |     |     |     | 8   |     |     |     | 9        |       |     |    |     | 13  | 14  | 15 |     |     |     |     | 23  |       |     |     |  |  |
| *101:01         |     |     |     |     | 8   |     |     |     | 9        | 10    |     |    |     |     | 13  | 14 | 15  |     |     |     |     | 24    |     |     |  |  |

|                          |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| *102:01                  |     |     | 3   | 4   |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     | 24  |
| *103:01                  |     |     |     |     |     |     |     | 8   | 9   | 10  |     |    |     |     |     |     |     |     |     |     |     |     |     | 24  |
| *104:01                  | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     | 16  | 17  | 18  | 19  | 20  | 21  |     |     |     |     |
| *105:01                  |     |     |     |     |     |     |     | 8   | 9   |     | 11  |    |     |     | 16  |     |     |     |     |     |     |     |     |     |
| *106:01                  |     |     |     |     | 5   |     |     | 8   | 9   | 10  |     |    | 13  |     |     |     |     |     |     |     |     |     |     | 24  |
| *107:01                  | 1   |     | 3   |     |     | 6   | 7   |     |     |     |     |    |     |     |     | 17  |     |     | 20  |     |     |     |     |     |
| *108:01                  |     |     |     |     |     |     |     |     | 9   |     | 11  |    |     |     | 16  |     |     |     |     |     |     |     |     |     |
| *109:01                  |     |     |     |     |     |     |     |     | 9   |     | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *110:01                  | 1   |     | 3   |     |     |     | 7   |     |     |     |     |    |     |     |     | 17  |     |     | 20  |     |     |     |     |     |
| *111:01                  | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     | 16  | 17  | 18  | 19  | 20  | 21  |     |     |     |     |
| *112:01                  |     |     |     |     |     |     |     | 8   | 9   |     |     |    |     | 15  |     |     |     |     |     |     |     |     | 23  |     |
| *113:01                  |     |     |     |     |     |     |     |     | 9   |     | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *114:01                  | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     | 14  |     | 17  |     | 19  | 20  |     |     | 23  |     |     |
| Well No.                 | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| Length of spec.          | 245 | 220 | 100 | 140 | 235 | 165 | 160 | 210 | 165 | 220 | 185 | 80 | 180 | 105 | 200 | 80  | 260 | 180 | 200 | 235 | 100 | 185 | 145 | 195 |
| PCR product(s)           |     |     |     |     |     |     |     |     |     |     |     |    |     | 175 |     | 165 |     |     |     |     |     | 210 | 265 |     |
|                          |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | 210 |     |     |     |     |     |     |     |     |
|                          |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| Well No.                 | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| *115:01                  |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *116:01                  |     |     |     |     |     |     |     | 8   | 9   |     |     |    |     |     | 15  | 16  |     |     |     |     |     |     | 23  |     |
| *117:01                  |     |     | 3   |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     | 22  |     |     |     |
| *118:01                  | 1   | 2   | 3   | 4   | 5   | 6   | 7   |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *119:01                  |     |     |     |     |     |     |     |     |     |     | 11  |    |     |     |     | 16  | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *120:01N                 |     |     | 3   | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *121:01                  |     |     | 3   | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *122:01                  | 1   | 2   |     | 4   | 5   | 6   | 7   |     |     |     |     |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *123:01                  |     |     |     |     |     |     |     | 8   | 9   | 10  | 11  | 12 |     |     |     |     |     |     |     |     |     |     |     |     |
| *124:01                  | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  | 18  | 19  | 20  | 21  |     |     |     |
| *125:01                  |     |     | 3   | 4   |     |     | 7   |     |     |     |     |    |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *126:01                  |     |     | 3   | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *127:01                  | 1   | 2   | 3   | 4   | 5   | 6   | 7   |     |     |     |     |    |     |     |     | 16  |     |     |     |     |     | 23  |     |     |
| *128:01                  |     |     | 3   | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *129:01                  |     |     |     |     |     |     |     |     | 9   |     | 11  |    |     |     |     | 16  |     |     |     |     |     |     |     |     |
| *130:01                  |     | 2   |     |     |     |     |     |     | 9   |     |     |    |     |     |     | 16  | 17  | 18  | 19  |     |     |     |     |     |
| *131:01                  |     |     |     |     |     |     |     |     | 9   |     |     | 12 |     |     |     |     | 17  | 18  |     |     |     |     |     |     |
| *132:01                  | 1   | 2   |     |     |     |     |     |     |     |     |     |    |     |     |     | 16  | 17  | 18  |     | 20  | 21  |     |     |     |
| *133:01                  | 1   |     | 3   |     |     | 6   | 7   |     |     |     |     |    |     |     |     |     | 17  |     |     | 20  |     |     |     |     |
| *134:01                  |     |     | 3   | 4   |     |     |     | 8   |     |     | 11  |    |     |     |     |     |     |     |     |     |     | 22  |     |     |
| *135:01                  |     |     |     |     |     |     |     | 8   | 9   |     |     |    | 13  | 14  |     |     |     |     |     |     |     | 23  | 24  |     |
| *136:01                  |     |     |     |     |     |     |     |     | 9   |     |     |    |     |     |     |     | 17  |     | 19  |     |     |     |     |     |
| *137:01                  |     |     |     |     |     |     |     |     | 9   |     |     | 12 |     |     |     |     | 17  |     |     |     |     |     |     |     |
| *138:01                  |     |     |     |     |     |     |     | 8   | 9   |     | 11  |    |     |     |     |     |     |     |     |     |     |     |     |     |
| *139:01                  |     |     |     | 4   |     |     |     |     |     |     |     |    | 13  |     |     |     |     |     |     |     |     |     |     |     |
| DPB1 allele <sup>4</sup> |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |
| Well No.                 | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |



[illegible]

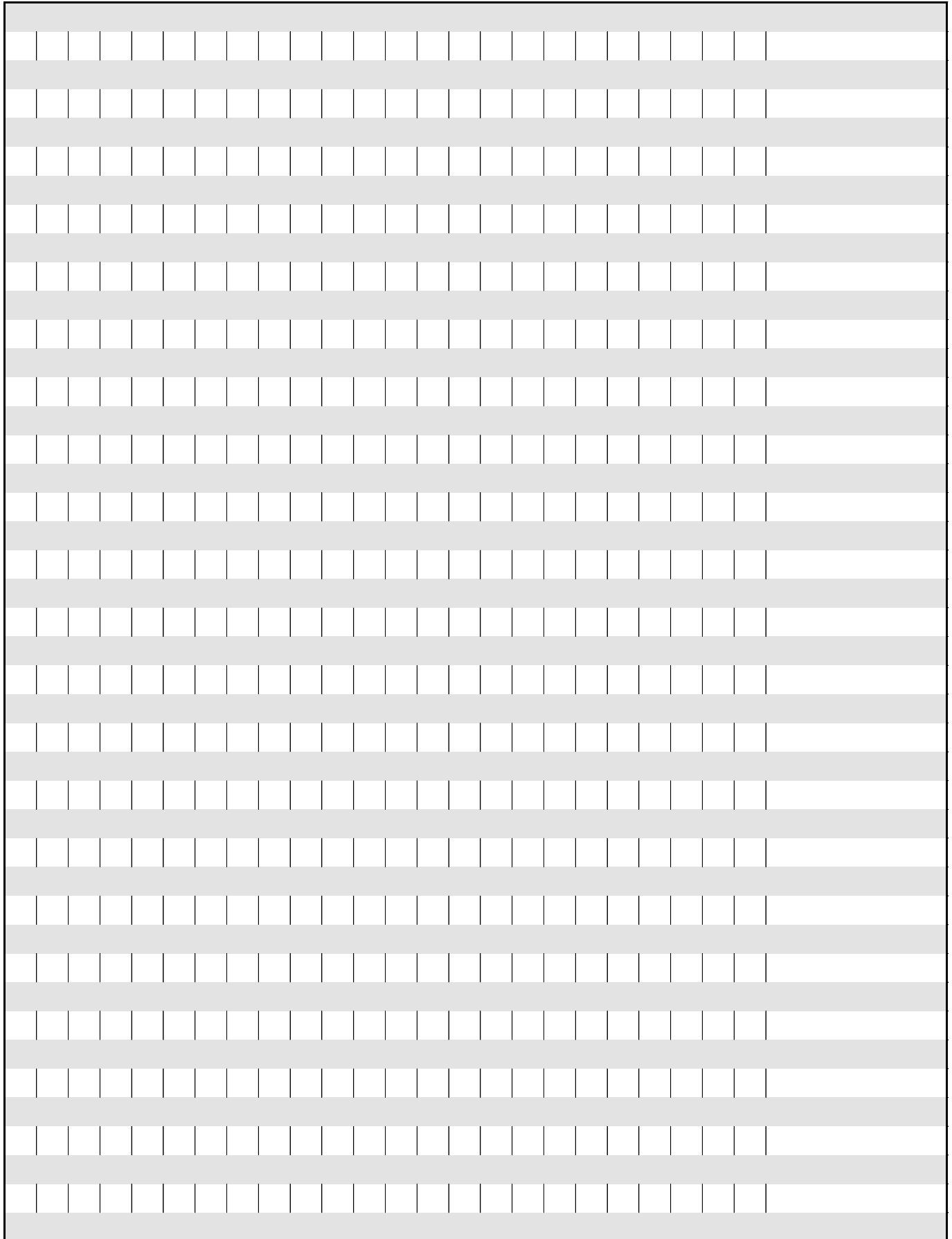
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                                                 |
|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------------------------|
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.                                        |
| 190 | 75  | 95 | 200 | 105 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 110 | 120 | 70  | 165 | 115 | Length of spec.                                 |
| 265 | 205 |    | 260 | 220 |     |     | 200 | 205 |     |     |     | 255 |     |     | 180 | 225 | 185 | 190 | 185 | 190 | 205 | 255 | 210 | PCR product(s)                                  |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     | 250 | 245 |     | 245 | 245 |     |     | 280 |                                                 |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 270 |     |     |     |     |                                                 |
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.                                        |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | DPB1 allele <sup>4</sup>                        |
|     |     |    |     |     |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *01:01:01-01:01:03                              |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *02:01:02, 02:01:04-02:01:05, 02:01:07-02:01:08 |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *02:01:03                                       |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *02:01:06                                       |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *02:02                                          |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *03:01:01-03:01:02                              |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *04:01:01-04:01:03                              |
|     |     |    |     |     |     |     |     |     |     |     |     | 37  |     |     |     |     |     |     |     |     |     |     |     | *04:02:01-04:02:01:02                           |
| 25  |     |    |     |     |     | 31  |     |     |     |     |     |     |     |     |     |     | 43  |     |     |     |     |     |     | *05:01:01-05:01:02                              |
|     | 26  | 27 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *06:01                                          |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     | ?   |     |     | ?   |     |     |     |     | ?   |     | *08:01                                          |
|     | 26  |    | 28  | 29  | 30  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *09:01:01-09:01:02                              |
|     |     |    | 28  | 29  |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *10:01                                          |
|     |     |    |     |     |     | 31  | 32  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *11:01:01                                       |
|     |     |    |     |     |     | 31  | 32  |     |     |     |     |     |     |     |     |     |     | ?   |     |     |     |     |     | *11:01:02                                       |
|     |     |    | 28  |     |     | 31  |     | 33  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *13:01                                          |
|     |     |    |     | 30  |     |     |     |     | 34  |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *14:01                                          |
|     |     |    |     |     |     |     |     |     |     | 35  | 36  | 37  |     |     |     |     |     |     |     |     |     |     |     | *15:01                                          |
|     |     |    |     |     |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *16:01                                          |
|     | 26  | 27 | 28  | 29  | 30  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *17:01                                          |
|     |     |    |     |     |     |     |     |     |     |     | 36  |     |     |     |     |     |     |     |     |     |     |     |     | *18:01                                          |
|     |     |    |     |     |     | 31  |     |     |     |     |     |     |     |     |     |     | 43  |     |     |     |     |     |     | *19:01                                          |
|     |     | 27 |     |     |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     |     |     | *20:01:01-20:01:02                              |
| 25  |     |    | 28  |     |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *21:01                                          |
| 25  |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     | ?   |     |     | ?   |     |     |     |     | ?   |     | *22:01                                          |
|     |     |    |     |     |     |     |     |     |     |     |     |     | 38  | ?   |     |     | ?   |     |     |     |     | 47  |     | *23:01                                          |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     | ?   |     |     | ?   |     |     |     |     | ?   |     | *24:01                                          |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     | ?   |     |     | ?   |     |     |     |     | ?   |     | *25:01                                          |
|     |     |    | 28  |     |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *26:01:01-26:01:02                              |
|     |     |    | 28  |     |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *27:01                                          |
|     |     |    |     |     |     |     |     |     |     |     | 36  | 37  |     | 39  | ?   |     | ?   |     |     |     |     | 47  |     | *28:01                                          |
|     | 26  |    |     |     |     |     |     |     |     |     |     | ?   |     | ?   |     |     | ?   |     |     |     |     | ?   |     | *29:01                                          |
|     |     |    | 28  | 29  |     | 31  |     |     |     |     |     |     |     |     | 40  |     | ?   |     |     |     |     | 47  |     | *30:01                                          |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     | 39  | ?   | 41  | ?   |     |     |     |     | ?   |     | *31:01                                          |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     | 42  | ?   |     |     |     | ?   |     | *32:01                                          |
|     |     |    |     |     |     |     |     | 33  |     |     |     |     |     |     | ?   |     | ?   |     |     |     |     | 47  |     | *33:01                                          |
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.                                        |

|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |
|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|
| 190 | 75  | 95 | 200 | 105 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 110 | 120 | 70  | 165 | 115 | Length of spec.    |
| 265 | 205 |    | 260 | 220 |     |     | 200 | 205 |     |     |     | 255 |     |     | 180 | 225 | 185 | 190 | 185 | 190 | 205 | 255 | 210 | PCR product(s)     |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     | 250 | 245 |     | 245 | 245 |     |     | 280 |                    |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 270 |     |     |     |     |                    |
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.           |
|     |     |    |     |     |     |     |     |     |     |     | 36  | ?   | 38  | 39  | ?   | 41  |     | 43  |     |     |     | ?   |     | *34:01             |
|     |     |    | 28  |     | 30  |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *35:01:01          |
|     |     |    | 28  |     |     |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     |     | *35:01:02          |
| 25  |     |    | 28  |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *36:01             |
|     |     |    | 28  |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *37:01             |
| 25  |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | 44  |     |     | ?   |     | *38:01             |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 45  |     | 47  |     | *39:01             |
|     |     |    |     |     |     |     |     |     |     |     | 36  | 37  |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *40:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | 46  | ?   |     | *41:01:01-41:01:02 |
| 25  | 26  |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | 47  |     | *44:01             |
|     |     |    |     |     |     | 31  |     |     | 34  |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     |     | *45:01             |
|     | 26  | 27 |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | 45  |     | ?   |     | *46:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *47:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *48:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | 45  |     | ?   |     | *49:01             |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     |     | *50:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *51:01             |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *52:01             |
|     |     |    |     |     |     |     |     |     |     |     | 36  | 37  |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *53:01             |
|     |     |    | 28  | 29  |     | 31  |     |     |     |     |     | ?   |     |     | 40  |     |     | ?   |     |     |     | ?   |     | *54:01             |
|     |     |    | 28  | 29  |     | 31  |     |     |     |     |     |     | 38  |     | ?   |     |     | ?   |     |     | 47  |     |     | *55:01             |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | ?   | 48  |     | *56:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     | 39  | ?   |     |     | ?   |     |     |     | ?   |     | *57:01             |
| 25  |     |    | 28  | 29  |     | 31  |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *58:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | 37  |     | 39  | ?   |     |     | ?   |     |     |     |     |     | *59:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | 46  | ?   |     | *60:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | 48  | *61:01N            |
|     |     |    |     |     |     |     |     |     |     |     | 36  | ?   | 38  |     | ?   |     |     | 43  |     |     |     | ?   |     | *62:01             |
| 25  |     |    |     |     |     | 31  |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *63:01             |
|     | 26  | 27 |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | 44  |     |     | ?   |     | *64:01N            |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *65:01             |
|     |     |    | 28  |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | 48  | *66:01             |
|     |     |    |     |     |     | 31  |     |     | 34  |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *67:01             |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *68:01             |
|     |     | 27 |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | 46  | ?   |     | *69:01             |
| 25  |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *70:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *71:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     | 39  | ?   |     |     | ?   |     |     |     | ?   |     | *72:01             |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     | 39  | ?   |     |     | ?   |     |     |     | ?   |     | *73:01             |
|     |     |    |     |     |     |     |     |     |     | 35  |     | 37  |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *74:01             |
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.           |
| 190 | 75  | 95 | 200 | 105 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 110 | 120 | 70  | 165 | 115 | Length of spec.    |
| 265 | 205 |    | 260 | 220 |     |     | 200 | 205 |     |     |     | 255 |     |     | 180 | 225 | 185 | 190 | 185 | 190 | 205 | 255 | 210 | PCR product(s)     |

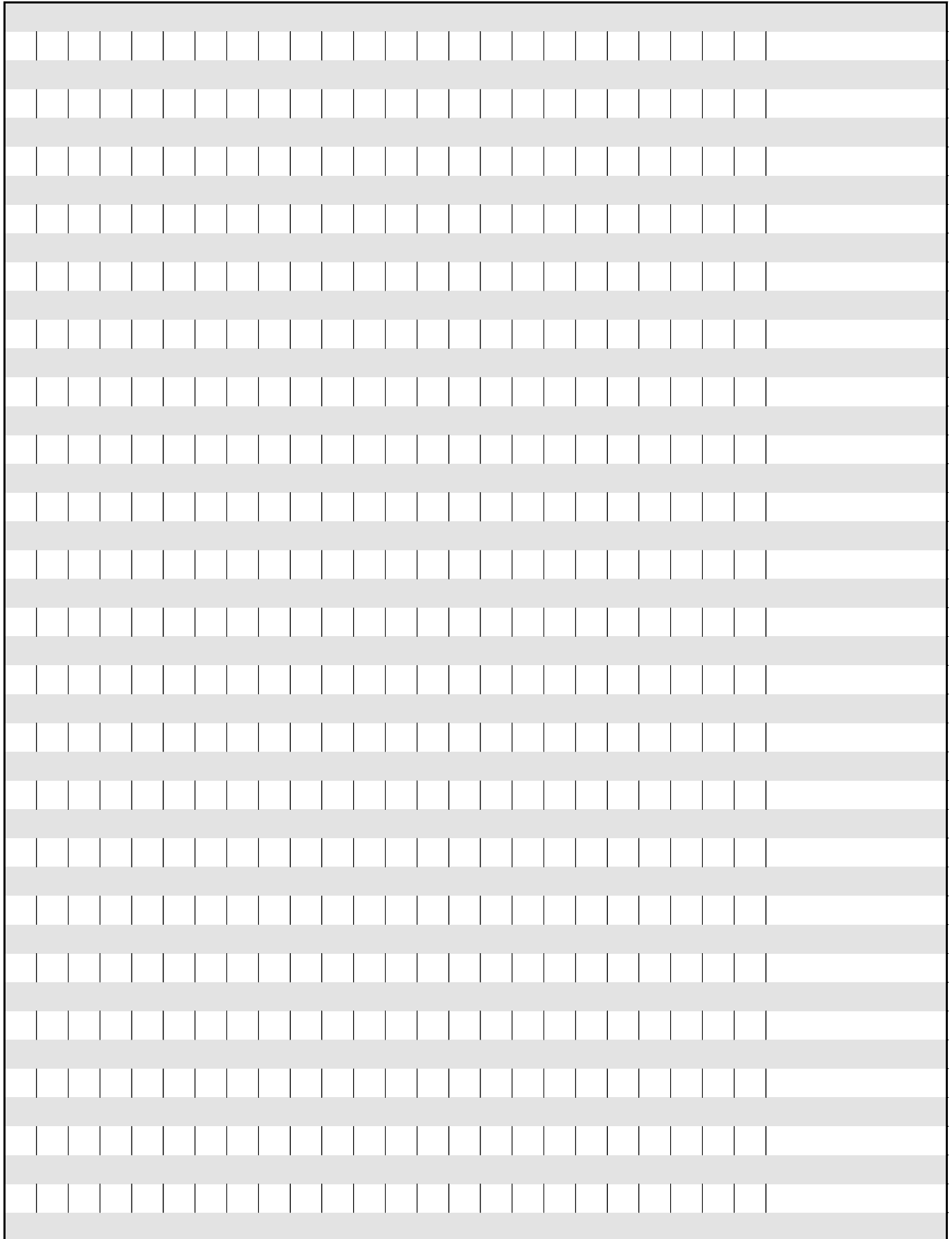
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |  |
|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|--|
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     | 250 | 245 |     | 245 | 245 |     |     |     | 280             |  |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 270 |     |     |     |     |                 |  |
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.        |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *75:01          |  |
|     |     |    |     |     | 30  |     |     |     | 34  |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | 48  | *76:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   | 41  |     | ?   |     |     |     | ?   |     | *77:01          |  |
|     |     |    |     |     |     |     | 32  |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *78:01          |  |
|     |     |    | 28  |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *79:01          |  |
|     |     | 27 |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | 45  |     | ?   |     | *80:01          |  |
|     |     |    |     |     |     |     |     | 33  |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *81:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     | 42  | ?   |     |     |     | ?   |     | *82:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | 46  | ?   |     | *83:01          |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *84:01          |  |
|     |     |    | 28  |     |     | 31  |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     | 48  | *85:01          |  |
|     | 26  | 27 | 28  | 29  | 30  |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | 45  |     | ?   |     | *86:01          |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *87:01          |  |
|     | 26  |    | 28  |     |     |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     |     | *88:01          |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *89:01          |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *90:01          |  |
|     |     | 27 |     |     | 30  |     |     |     | 34  |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *91:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | 48  | *92:01          |  |
|     |     |    | 28  |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *93:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   | 41  |     | ?   |     |     |     | ?   |     | *94:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   | 38  | 39  | ?   |     |     | ?   |     |     |     | ?   |     | *95:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | 45  | 46  | ?   |     | *96:01          |  |
| 25  |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     | 42  | ?   |     |     |     | ?   |     | *97:01          |  |
|     |     | 27 | 28  |     | 30  |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *98:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *99:01          |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *100:01         |  |
|     | 26  |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *101:01         |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     | 39  | ?   |     |     | ?   |     |     |     | ?   |     | *102:01         |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *103:01         |  |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 43  |     |     |     |     |     | *104:01         |  |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *105:01         |  |
|     |     |    |     |     |     | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 47  |     | *106:01         |  |
|     |     |    | 28  |     |     | 31  |     | 33  |     |     |     |     |     |     | 40  |     |     |     |     |     |     |     |     | *107:01         |  |
|     |     | 27 |     |     |     |     |     |     |     |     |     | ?   |     | 39  | ?   |     |     | ?   |     | 45  |     | ?   |     | *108:01         |  |
|     |     |    | 28  |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *109:01         |  |
|     |     |    | 28  |     |     | 31  |     | 33  |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | 48  | *110:01         |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | 44  |     |     | ?   |     | *111:01         |  |
|     |     |    |     |     |     |     |     |     |     |     |     | ?   | 38  |     | ?   |     |     | ?   |     |     |     | ?   |     | *112:01         |  |
|     |     |    | 28  | 29  |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *113:01         |  |
| 25  |     |    |     |     |     | 31  |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | 47  |     | *114:01         |  |
| 25  | 26  | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Well No.        |  |
| 190 | 75  | 95 | 200 | 105 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 110 | 120 | 70  | 165 | 115 | Length of spec. |  |
| 265 | 205 |    | 260 | 220 |     |     | 200 | 205 |     |     |     | 255 |     |     | 180 | 225 | 185 | 190 | 185 | 190 | 205 | 255 | 210 | PCR product(s)  |  |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     | 250 | 245 |     | 245 | 245 |     |     | 280 |                 |  |
|     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 270 |     |     |     |     |                 |  |



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