



[illegible]

|                                                                                           |                   |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------------------------------------------------------------------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| *060201, 060401,<br>060403-0606,<br>060802-0610, 1, 5, 6<br>0612-0625, 0627,<br>0633-0639 |                   |     | 50  |     |     |     |     |     |     |     |     |     |     |
| Well No.                                                                                  |                   | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  |
| Length of spec.                                                                           |                   | 225 | 220 | 210 | 220 | 130 | 135 | 145 | 210 | 165 | 135 | 95  | 115 |
| PCR product(s)                                                                            |                   |     | 270 |     |     |     |     | 185 |     |     |     | 130 |     |
| Well No.                                                                                  |                   | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  |
| *060202                                                                                   | 6                 |     | 50  |     |     |     |     |     |     |     |     |     |     |
| *060301, 060402,<br>0607, 060801,<br>061101, 061102,<br>0626N, 0628,<br>0630-0632         |                   |     | 50  |     |     |     |     |     |     |     |     |     |     |
| *060302                                                                                   | 6                 |     | 50  |     |     |     |     |     |     |     |     |     |     |
| *0629                                                                                     | 6                 |     | 50  |     |     | 53  |     |     |     |     |     |     |     |
| DQB1 allele <sup>4</sup>                                                                  | ser. <sup>5</sup> |     |     |     |     |     |     |     |     |     |     |     |     |
| Well No.                                                                                  |                   | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  |

## INTERPRETATION TABLE

## DQ low/DQB1\*03 medium to high resolution SSP typing

### Amplification patterns of the DQB1\*0501 to DQB1\*0403 alleles

| Well       |            |            |            |            |            |            |            |            |            |            |            |  |                           |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--|---------------------------|
| 61         | 62         | 63         | 64         | 65         | 66         | 67         | 68         | 69         | 70         | 71         | 72         |  |                           |
| 110        | 135        | 135        | 135        | 260        | 160        | 130        | 130        | 130        | 175        | 175        | 160        |  | Length of spec.           |
| 140        |            | 260        |            |            |            |            |            | 220        |            |            |            |  | PCR product(s)            |
|            |            |            |            |            |            |            |            |            |            |            |            |  | Length of int.            |
| 430        | 430        | 430        | 430        | 515        | 430        | 515        | 430        | 430        | 515        | 515        | 515        |  | pos. control <sup>1</sup> |
| 49(242)    | 38(210)    | 14(136)    | 13(134)    | 13(134)    | 26(173)    | 26(173)    | 57(266)    | 27(175)    | 140(514)   | 140(514)   | 9(122)     |  | 5'-primer(s) <sup>2</sup> |
| 5' -ggT 3' | 5' -gCA 3' | 5' -gCC 3' | 5' -ggC 3' | 5' -ggC 3' | 5' -TTA 3' | 5' -TTA 3' | 5' -TgA 3' | 5' -TTC 3' | 5' -CAA 3' | 5' -CAA 3' | 5' -gTA 3' |  |                           |
| 55(260)    |            | 135(500)   |            |            | 130(485)   |            |            | 140(514)   |            |            |            |  |                           |
| 5' -gCA 3' |            | 5' -TgA 3' |            |            | 5' -CCA 3' |            |            | 5' -CAA 3' |            |            |            |  |                           |
| 63(285)    |            |            |            |            | 133(493)   |            |            |            |            |            |            |  |                           |
| 5' -Agg 3' |            |            |            |            | 5' -TTT 3' |            |            |            |            |            |            |  |                           |
|            |            |            |            |            |            |            |            |            |            |            |            |  |                           |
|            |            |            |            |            |            |            |            |            |            |            |            |  |                           |
|            |            |            |            |            |            |            |            |            |            |            |            |  |                           |
| 86(353)    | 70(304)    | 86(353)    | 45(230)    | 86(353)    | 67(296)    | 55(260)    | 86(353)    | 86(353)    | 185(650)   | 185(650)   | 48(240)    |  | 3'-primer(s) <sup>3</sup> |
| 5' -gCT 3' | 5' -CCC 3' | 5' -gCT 3' | 5' -CCC 3' | 5' -gCT 3' | 5' -ggT 3' | 5' -gCg 3' | 5' -gCT 3' | 5' -gCT 3' | 5' -CgA 3' | 5' -Cgg 3' | 5' -gCg 3' |  |                           |
|            |            | 167(596)   |            |            | 170(604)   | 55(260)    |            | 170(604)   |            |            |            |  |                           |
|            |            | 5' -CAT 3' |            |            | 5' -gAC 3' | 5' -gCg 3' |            | 5' -gAT 3' |            |            |            |  |                           |
|            |            |            |            |            |            | 55(260)    |            |            |            |            |            |  |                           |
|            |            |            |            |            |            | 5' -ggg 3' |            |            |            |            |            |  |                           |

| 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  |                   | Well No.                    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----------------------------|
| 110 | 135 | 135 | 135 | 260 | 160 | 130 | 130 | 130 | 175 | 175 | 160 |                   | Length of spec.             |
| 140 |     | 260 |     |     |     |     |     | 220 |     |     |     |                   | PCR product(s)              |
| 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  |                   | Well No.                    |
|     |     |     |     |     |     |     |     |     |     |     |     | ser. <sup>5</sup> | DQB1 allele <sup>4</sup>    |
|     |     |     |     |     |     |     |     |     |     |     |     | 2                 | *020101-0202,<br>0204, 0205 |
|     |     |     |     |     |     |     | 68  |     |     |     |     | 2                 | *0203                       |
|     |     |     |     | 65  |     | 67  | 68  |     |     | 71  |     | 7                 | *030101, 030102,<br>030104  |
|     |     |     |     | 65  |     | 67  |     |     |     | 71  |     | 7                 | *030103                     |
|     |     |     |     |     |     |     |     |     | 70  |     |     | 8                 | *030201-030204              |
|     |     |     |     |     |     |     | 68  |     | 70  |     |     | 9                 | *030302, 030303             |
|     |     |     |     | 65  |     | 67  |     |     |     | 71  |     | 7                 | *0304                       |
|     |     |     |     |     |     |     |     |     | 70  |     |     | 8                 | *030501-030504              |
|     |     |     |     |     |     |     | 68  |     | ?   | ?   |     | 3                 | *0306                       |
| 61  |     |     |     |     |     |     |     |     | ?   | ?   |     | 8                 | *0307                       |
|     | 62  |     |     |     |     |     |     |     | ?   | ?   |     | 8                 | *0308                       |
|     |     | 63  |     | 65  |     | 67  | 68  |     |     | 71  |     | 7                 | *0309                       |
|     |     |     | 64  | 65  |     | 67  | 68  |     |     | 71  |     | 3                 | *0310                       |
|     |     | 63  |     |     |     |     |     |     | ?   | ?   |     | 8                 | *0311                       |
|     |     |     | 64  | 65  |     |     | 68  |     | ?   | ?   |     | 9                 | *0312                       |
|     |     |     |     | 65  | 66  | 67  | 68  |     | ?   | ?   |     | 7                 | *0313                       |
|     |     |     | 64  | 65  |     | 67  |     |     | ?   | ?   |     | 3                 | *0314                       |
| 61  |     |     |     |     |     |     | 68  |     | ?   | ?   |     | 9                 | *0315                       |
| 61  |     |     |     | 65  |     |     | 68  |     | ?   | ?   |     | 7                 | *0316                       |
|     |     |     |     |     |     |     | 68  |     | ?   | ?   |     | 9                 | *0317                       |
|     |     |     |     |     |     |     |     | 69  | ?   | ?   |     | 8                 | *0318                       |
|     |     |     |     | 65  |     | 67  | 68  |     | 70  |     |     | 7                 | *0319                       |
|     |     |     |     |     |     |     | 68  |     | ?   | ?   |     | 9                 | *0320                       |
|     |     |     |     | 65  | 66  | 67  | 68  |     |     | 71  |     | -                 | *0321, 0322                 |
|     |     |     |     |     |     |     | 68  |     | ?   | ?   | 72  | -                 | *0323                       |
|     |     |     |     | 65  |     | 67  | 68  | 69  |     | 71  |     | -                 | *0324                       |
|     |     |     |     |     |     |     |     |     | 70  |     |     | -                 | *0325                       |
|     |     | 63  |     |     |     |     | 68  |     | ?   | ?   |     | -                 | *0326                       |
|     |     |     |     |     |     |     |     |     | 70  |     |     | 4                 | *040101-0402                |
|     |     |     |     |     |     |     |     |     | 70  |     |     | -                 | *040301                     |
|     |     |     |     |     |     |     |     |     |     |     |     | 5                 | *050101-0505                |
|     |     |     | 64  |     |     |     |     |     |     |     |     | 6                 | *060101-060105              |

|     |     |     |     |     |     |     |     |     |     |     |     |                   |                                                                                   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----------------------------------------------------------------------------------|
|     |     |     |     |     |     |     |     |     |     |     |     | 1, 5, 6           | *060201, 060401,<br>060403-0606,<br>060802-0610,<br>0612-0625, 0627,<br>0633-0639 |
| 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  |                   | Well No.                                                                          |
| 110 | 135 | 135 | 135 | 260 | 160 | 130 | 130 | 130 | 175 | 175 | 160 |                   | Length of spec.                                                                   |
| 140 |     | 260 |     |     |     |     |     | 220 |     |     |     |                   | PCR product(s)                                                                    |
| 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  |                   | Well No.                                                                          |
|     | 62  |     |     |     |     |     |     |     |     |     |     | 6                 | *060202                                                                           |
|     |     |     |     |     |     |     |     |     |     |     | 72  | 1, 6,<br>null     | *060301, 060402,<br>0607, 060801,<br>061101, 061102,<br>0626N, 0628,<br>0630-0632 |
|     | 62  |     |     |     |     |     |     |     |     |     | 72  | 6                 | *060302                                                                           |
|     |     |     |     |     |     |     |     |     |     |     |     | 6                 | *0629                                                                             |
|     |     |     |     |     |     |     |     |     |     |     |     | ser. <sup>5</sup> | DQB1 allele <sup>4</sup>                                                          |
| 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  |                   | Well No.                                                                          |