

INTERPRETATION TABLE

DRB3 SSP subtyping

Amplification patterns of the DRB3*01:01 to *03:03 alleles

| | Well ⁵ | | | | | | | | | | | | | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Length of spec. PCR product(s) | 100 | 125 | 95 | 265 | 95 | 190 | 90 | 120 | 165 | 185 | 270 | 90 | 270 | 185 | 120 | 150 |
| Length of int. pos. control ¹ | 515 | 430 | 430 | 430 | 430 | 430 | 515 | 430 | 430 | 515 | 515 | 515 | 515 | 515 | 430 | 430 |
| 5'-primer(s) ² | 10(116) | 29(175) | 11(119) | 10(118) | 11(119) | 8(110) | 11(119) | 11(119) | 10(116) | 29(175) | 10(116) | 51(239) | 10(116) | 38(200) | 11(119) | 38(200) |
| | 5'-gCT ³ | 5'-gAT ³ | 5'-gCg ³ | 5'-TgT ³ | 5'-gCg ³ | 5'-CTC ³ | 5'-gCg ³ | 5'-gCg ³ | 5'-gCT ³ | 5'-gAC ³ | 5'-gCT ³ | 5'-gAg ³ | 5'-gCT ³ | 5'-CgC ³ | 5'-gCT ³ | 5'-CgC ³ |
| | | | 11(119) | | | | | | 10(116) | | | | 10(116) | 38(200) | | |
| | | | 5'-gTg ³ | | | | | | 5'-gCT ³ | | | | 5'-gCT ³ | 5'-CgC ³ | | |
| 3'-primer(s) ³ | 29(175) | 57(257) | 28(171) | 86(344) | 28(171) | 57(257) | 27(169) | 37(199) | 51(239) | 77(317) | 86(344) | 66(286) | 86(344) | 86(344) | 37(197) | 74(308) |
| | 5'-gTA ³ | 5'-CgA ³ | 5'-CTg ³ | 5'-CAC ³ | 5'-CTC ³ | 5'-CgA ³ | 5'-gTT ³ | 5'-CAC ³ | 5'-CCC ³ | 5'-AgT ³ | 5'-CCA ³ | 5'-gAA ³ | 5'-CAC ³ | 5'-CAC ³ | 5'-Cgg ³ | 5'-CCC ³ |
| | 29(175) | 57(257) | 28(171) | | 38(202) | | 57(257) | | | 77(318) | | 86(344) | | | 37(197) | |
| | 5'-gTA ³ | 5'-CAA ³ | 5'-ATg ³ | | 5'-gCT ³ | | 5'-CAT ³ | | | 5'-TAA ³ | | 5'-CCA ³ | | | 5'-CgA ³ | |
| | | | | | | | | | | | | | | | 57(257) | |
| | | | | | | | | | | | | | | | 5'-Cag ³ | |
| | | | | | | | | | | | | | | | 66(286) | |
| | | | | | | | | | | | | | | | 5'-gAA ³ | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| | | | | | | | | | | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>DRB1*04:82, 04:99, 08:07, 08:19, 08:25, 08:34, 12:27, 13:31, 13:46, 13:54, 13:77, 13:100</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*08:32, DRB1*12:01:02- 12:01:03, 12:02:02, 12:03:02, 12:16:01, DRB1*14:121, DRB1*15:03:01:01- 15:03:02, 15:23, 15:54, 15:57</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*10:01:01- 10:01:03, 10:03- 10:04</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*10:02</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*11:30</i> | w | | | | | | | | | | | | | | | |
| <i>DRB1*12:22</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*12:34</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*13:67</i> | 1 | | | | | | | | | | | | | | | |
| <i>DRB1*13:106</i> | | | | | | | | | | | | | | | | |
| <i>DRB1*14:46</i> | 1 | | | | 5 | | 7 | 8 | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| INTERPRETATION TABLE | | | | | | | | | | | | | | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---|
| DRB3 SSP subtyping | | | | | | | | | | | | | | | | |
| Amplification patterns of the DRB3*01:01 to *03:03 alleles | | | | | | | | | | | | | | | | |
| Well ⁵ | | | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | |
| 120 | 100 | 180 | 165 | 120 | 185 | 195 | 185 | 225 | 235 | 90 | 235 | 160 | 210 | 90 | 70 | Length of spec. PCR product(s) |
| 180 | | 270 | 180 | 210 | 245 | | | 260 | | | | | | | | |
| 430 | 430 | 515 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | Length of int. pos. control ¹ |
| 10(116) | 38(200) | 10(116) | 10(116) | 10(116) | 8(112) | 25(163) | 11(119) | 10(116) | 12(122) | 163(577) | 10(116) | 38(200) | 123(455) | 149(534) | 51(239) | 5'-primer(s) ² |
| 5'-gCT ³ | 5'-CgC ³ | 5'-gCT ³ | 5'-gCT ³ | 5'-gCT ³ | 5'-TgC ³ | 5'-ggC ³ | 5'-gCT ³ | 5'-gCT ³ | 5'-TAC ³ | 5'-CAT ³ | 5'-gCT ³ | 5'-CgC ³ | 5'-CTg ³ | 5'-Cag ³ | 5'-gAg ³ | |
| | | | | | 29(173) | | | | | | | | | | | |
| | | | | | 5'-CAT ³ | | | | | | | | | | | |
| 36(196) | 57(257) | 55(251) | 51(239) | 36(196) | 77(318) | 77(318) | 58(260) | 71(299) | 77(317) | 179(624) | 74(308) | 77(317) | 179(624) | 165(583) | 60(266) | 3'-primer(s) ³ |
| 5'-gTT ³ | 5'-CgA ³ | 5'-gCA ³ | 5'-CCg ³ | 5'-gAg ³ | 5'-TAA ³ | 5'-TAA ³ | 5'-CCT ³ | 5'-gCC ³ | 5'-AAT ³ | 5'-ACg ³ | 5'-CCg ³ | 5'-Agg ³ | 5'-ACg ³ | 5'-CCg ³ | 5'-Agg ³ | |
| 36(196) | | 56(256) | 57(257) | 66(286) | | | 60(266) | 83(337) | | | | | | | | |
| 5'-gTT ³ | | 5'-gCT ³ | 5'-CAG ³ | 5'-gAT ³ | | | 5'-Agg ³ | 5'-CCg ³ | | | | | | | | |
| 55(251) | | 58(260) | | | | | | | | | | | | | | |
| 5'-gCA ³ | | 5'-CCT ³ | | | | | | | | | | | | | | |
| 57(257) | | 86(344) | | | | | | | | | | | | | | |
| 5'-CAG ³ | | 5'-CAG ³ | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Well No. |

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|----|---|
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Well No. |
| | 18 | | | | | | 24 | | | | | | | | 32 | *02:21 |
| | | | | | | | | | | | | | | | | *02:22 |
| 17 | | 19 | | | | | | | | | | | | | | *02:23 |
| | | | | | | | | | | | | | | | | *02:24 |
| | | | | | | | 24 | | | | | | | | 32 | *02:25 |
| | | | | | | | | 25 | | | | | | | | *02:26 |
| | | | | | | | | | | | 28 | 29 | | | | *02:27 |
| | | | | | | | | | | | | | 30 | | | *02:28 |
| | | | | | | | | | | | | | | 31 | | *02:29N |
| | | | 20 | | | | 24 | | | | | | | | | *03:01:01-03:01:03 |
| | | | 20 | | | | 24 | | | | | | | | | *03:02 |
| | | | 20 | | | | 24 | | | | | | | | | *03:03 |
| | | | | | | | | | | | | | | | | <i>DRB1*03:01:02,</i> <i>03:02:02, 03:05:03,</i> <i>03:13:02, 03:17,</i> <i>03:24, 03:27,</i> <i>03:35, 03:81,</i> <i>11:27:01, 11:84:01,</i> <i>11:124, 13:33:02-</i> <i>13:33:03, 13:61:01,</i> <i>13:96:02, 14:38,</i> <i>14:47, 14:50,</i> <i>14:98, 14:127</i> |
| | | | | | | | | | | | | | | | | <i>DRB1*03:37,</i> <i>03:80, 11:43,</i> <i>11:50, 11:115,</i> <i>13:131, 14:59,</i> <i>14:86, 14:96, 15:65</i> |
| | | | | | | | | | | | | | | | | <i>DRB1*03:38,</i> <i>03:79, 14:48</i> |
| 17 | | | 20 | | | | | | | | | | | | | <i>DRB1*03:42</i> |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Well No. |
| 120 | 100 | 180 | 165 | 120 | 185 | 195 | 185 | 225 | 235 | 90 | 235 | 160 | 210 | 90 | 70 | Length of spec. |
| 180 | | 270 | 180 | 210 | 245 | | | 260 | | | | | | | | PCR product |
| | | | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Well No. |
| | | | | | | | | | | | | | | | | <i>DRB1*03:44</i> |

