

| INTERPRETATION TABLE                                         |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|--------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| DPB1 SSP typing                                              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Amplification patterns of the DPB1*0101 to DPB1*9901 alleles |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|                                                              | Tube <sup>6</sup>    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|                                                              | 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. PCR product                                  | 245                  | 220                  | 100                  | 140                  | 235                  | 165                  | 160                  | 210                  | 165                  | 220                  | 190                  | 80                   | 180                  | 105                  | 200                  | 80                   | 260                  | 180                  | 200                  | 235                  | 100                  | 185                  | 145                  | 195                  |
| Length of int. pos. control <sup>1</sup>                     | 515                  | 515                  | 430                  | 430                  | 515                  | 430                  | 430                  | 515                  | 430                  | 515                  | 515                  | 515                  | 430                  | 430                  | 430                  | 430                  | 515                  | 430                  | 430                  | 515                  | 430                  | 430                  | 430                  | 515                  |
| 5'-primer(s) <sup>2</sup>                                    | 9                    | 9                    | 36                   | 36                   | 11                   | 35                   | 36                   | 9                    | 35                   | 9                    | 35                   | 56                   | 9                    | 35                   | 28                   | 56                   | 11                   | 11                   | 11                   | 11                   | 57                   | 36                   | 35                   | 9                    |
|                                                              | 5'-Tg T <sup>3</sup> | 5'-Tg T <sup>3</sup> | 5'-C gC <sup>3</sup> | 5'-C gC <sup>3</sup> | 5'-g gg <sup>3</sup> | 5'-g TA <sup>3</sup> | 5'-C gC <sup>3</sup> | 5'-T TT <sup>3</sup> | 5'-Ag C <sup>3</sup> | 5'-T TT <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-T gA <sup>3</sup> | 5'-T TT <sup>3</sup> | 5'-Ag C <sup>3</sup> | 5'-gA g <sup>3</sup> | 5'-T gA <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-gAC <sup>3</sup>  | 5'-C gC <sup>3</sup> | 5'-Ag C <sup>3</sup> | 5'-T TT <sup>3</sup> |
|                                                              |                      |                      | 36                   | 36                   | 11                   | 35                   | 36                   |                      | 36                   |                      |                      |                      |                      |                      | 35                   |                      | 11                   | 11                   | 11                   | 11                   |                      | 36                   |                      |                      |
|                                                              |                      |                      | 5'-C gC <sup>3</sup> | 5'-C gC <sup>3</sup> | 5'-g gg <sup>3</sup> | 5'-g TA <sup>3</sup> | 5'-C gC <sup>3</sup> |                      | 5'-C gT <sup>3</sup> |                      |                      |                      |                      |                      | 5'-Ag C <sup>3</sup> |                      | 5'-g TT <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-g TT <sup>3</sup> | 5'-g TT <sup>3</sup> |                      | 5'-C gC <sup>3</sup> |                      |                      |
|                                                              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|                                                              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 3'-primer(s) <sup>3</sup>                                    | 76                   | 69                   | 55                   | 69                   | 76                   | 76                   | 76                   | 65                   | 76                   | 69                   | 84                   | 69                   | 55                   | 55                   | 84                   | 69                   | 84                   | 57                   | 65                   | 76                   | 76                   | 84                   | 69                   | 60                   |
|                                                              | 5'-CA T <sup>3</sup> | 5'-CTT <sup>3</sup>  | 5'-C Ag <sup>3</sup> | 5'-CTT <sup>3</sup>  | 5'-CA T <sup>3</sup> | 5'-CA T <sup>3</sup> | 5'-CA T <sup>3</sup> | 5'-gAT <sup>3</sup>  | 5'-TAT <sup>3</sup>  | 5'-CTC <sup>3</sup>  | 5'-C gC <sup>3</sup> | 5'-CTC <sup>3</sup>  | 5'-gC C <sup>3</sup> | 5'-gC C <sup>3</sup> | 5'-C gC <sup>3</sup> | 5'-CTT <sup>3</sup>  | 5'-C gT <sup>3</sup> | 5'-TA g <sup>3</sup> | 5'-gAg <sup>3</sup>  | 5'-CA T <sup>3</sup> | 5'-CA T <sup>3</sup> | 5'-C gC <sup>3</sup> | 5'-CTT <sup>3</sup>  | 5'-gTg <sup>3</sup>  |
|                                                              |                      |                      |                      |                      |                      |                      |                      | 65                   | 76                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 84                   |
|                                                              |                      |                      |                      |                      |                      |                      |                      | 5'-g gT <sup>3</sup> | 5'-CAT <sup>3</sup>  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 5'-C gT <sup>3</sup> |
|                                                              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Tube 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>                                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *010101-010103                                               | +                    | +                    | +                    | +                    | +                    | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *0102                                                        |                      |                      |                      |                      |                      |                      |                      | +                    | +                    |                      |                      |                      | +                    | +                    | +                    |                      |                      |                      |                      |                      |                      |                      | +                    |                      |
| *020102, 020104-020105                                       |                      |                      |                      |                      |                      |                      |                      | +                    | +                    | +                    | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *020103                                                      |                      |                      |                      |                      |                      |                      |                      | +                    | +                    | +                    | +                    | W                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *020106                                                      |                      |                      |                      |                      |                      |                      |                      | +                    | W                    | +                    | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *0202                                                        |                      |                      |                      |                      |                      |                      |                      | +                    | +                    | +                    |                      |                      | +                    | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *0203                                                        |                      |                      |                      |                      |                      |                      |                      | +                    | +                    | +                    |                      |                      | +                    | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      | +                    |
| *030101-030102                                               | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | +                    | +                    | +                    | +                    | +                    | +                    |                      |                      |                      |
| *0302                                                        |                      |                      | +                    | +                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | +                    |
| Tube 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 | 190 | 80 | 180 | 105 | 200 | 80 | 260 | 180 | 200 | 235 | 100 | 185 | 145 | 195 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     | 265 |
| Tube 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  |
| *040101-040102  |     |     | +   | +   |     |     |     | +   |     |     | +   |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *0402           |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *0403           |     |     |     |     |     |     |     | +   | +   | +   |     |    |     |     |     |    |     |     |     |     |     |     |     | +   |
| *0501           |     |     |     |     |     |     |     | +   | +   |     |     |    | +   | +   |     |    |     |     |     |     |     |     | +   | +   |
| *0502           | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *0601           |     |     |     |     |     |     |     |     | +   |     |     | +  |     |     |     |    | +   | +   | +   |     |     |     |     |     |
| *0602           |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *0801           |     |     |     |     | +   |     |     | +   |     | +   |     | +  |     |     |     |    |     |     |     |     |     |     |     | +   |
| *0802           |     |     |     |     | +   |     |     | +   | +   | +   |     |    | +   |     |     |    |     |     |     |     |     |     |     | +   |
| *0901           |     |     |     |     |     |     |     |     |     |     |     | +  |     |     |     |    | +   | +   |     | +   | +   |     |     |     |
| *0902           | +   |     | +   |     |     | +   | +   |     |     |     |     |    |     |     |     |    | +   |     | +   |     |     |     |     |     |
| *1001           |     |     |     |     |     |     |     |     |     |     |     | +  |     |     |     |    | +   |     | +   |     |     |     |     |     |
| *1002           |     |     |     |     |     |     |     |     | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *110101-110102  |     |     | +   |     |     |     |     |     |     |     |     |    |     |     |     |    | +   |     | +   |     |     |     |     |     |
| *1102           |     |     |     |     |     |     |     |     | +   |     | +   | +  |     |     |     |    |     |     |     |     |     |     |     |     |
| *1301           | +   |     | +   |     |     | +   | +   |     |     |     |     |    |     |     |     |    | +   |     |     | +   |     |     |     |     |
| *1302           | +   |     | +   |     |     |     | +   |     |     |     |     |    |     |     |     |    | +   |     |     | +   |     |     |     |     |
| *1401           |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *1402           | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *1501           |     |     | +   |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *1502           |     |     |     |     |     |     |     | +   | +   |     |     |    |     |     | +   |    |     |     |     |     |     |     | +   |     |
| *1601           |     |     |     |     |     |     |     | +   | +   | +   |     | +  |     |     |     |    |     |     |     |     |     |     |     | +   |
| *1602           |     |     |     |     |     |     |     |     | +   |     | +   | +  |     |     |     |    |     |     |     |     |     |     |     |     |
| *1701           |     |     |     |     |     |     |     |     | +   |     |     | +  |     |     |     |    | +   | +   |     |     |     |     |     |     |
| *1702           | +   | +   |     |     |     |     |     |     |     |     |     |    |     | +   |     |    | +   |     | +   | +   |     |     | +   |     |
| *1801           |     | +   |     |     |     |     |     |     | +   |     |     |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *1802           |     |     |     |     |     |     |     | +   | +   | +   | +   | +  |     |     |     |    |     |     |     |     |     |     |     |     |
| *1901           |     |     |     |     | +   |     |     | +   | +   | +   |     |    | +   |     |     |    |     |     |     |     |     |     |     | +   |
| *1902           |     |     |     |     |     |     |     | +   | +   |     |     |    |     |     | +   | +  |     |     |     |     |     |     | +   |     |
| *200101-200102  |     | +   |     |     |     |     |     |     | +   |     |     |    |     |     |     | +  | +   | +   | +   |     |     |     |     |     |
| *2002           |     |     | +   |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *2101           |     |     |     |     |     |     |     |     | +   |     |     |    |     | +   |     |    | +   |     |     |     |     |     |     |     |
| *2102           | +   | +   | +   | +   | +   | +   | +   |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *2201           |     |     |     |     |     |     |     | +   | +   | +   |     |    | +   | +   |     |    |     |     |     |     |     |     |     | +   |
| *2301           |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *2401           |     |     |     | +   |     |     |     | +   |     |     | +   |    | +   |     |     |    |     |     |     |     |     | +   |     |     |
| *2501           | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   |     | +   | +   |     |     |     |     |
| *260101-260102  | +   | +   | +   | +   |     | +   | +   |     |     |     |     |    |     |     |     |    | +   |     |     | +   |     |     |     |     |
| *2701           |     | +   | +   | +   |     |     |     |     |     |     |     |    |     |     |     |    | +   |     |     |     |     |     |     |     |
| Tube 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 | 190 | 80 | 180 | 105 | 200 | 80 | 260 | 180 | 200 | 235 | 100 | 185 | 145 | 195 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     | 265 |
| Tube 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  |
| *2801           |     |     |     | +   |     |     |     |     |     |     |     |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *2901           | +   |     |     |     |     |     |     |     |     |     |     | +  |     |     |     |    | +   | +   | +   | +   | +   |     |     |     |
| *3001           |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     |    | +   |     |     |     |     |     |     |     |
| *3101           |     |     | +   | +   |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     | +   |
| *3201           |     |     |     |     |     |     |     | +   | +   | +   | +   | +  |     |     |     |    |     |     |     |     |     |     |     |     |
| *3301           |     |     | +   |     |     |     |     | +   |     | +   | +   |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *3401           |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     |    |     |     |     |     |     |     | +   |     |
| *3501           |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   |     | +   | +   |     |     |     |
| *3601           |     | +   |     |     |     |     |     |     | +   |     |     |    |     | +   |     |    | +   |     |     |     |     |     | +   |     |
| *3701           | +   |     |     |     |     |     |     |     |     |     |     | +  |     |     |     |    | +   |     |     | +   |     |     |     |     |
| *3801           |     |     |     |     |     |     |     | +   | +   |     |     |    | +   | +   |     |    |     |     |     |     |     |     | +   | +   |
| *3901           |     |     | +   | +   |     |     |     | +   |     |     |     |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *4001           |     |     | +   | +   |     |     |     | +   |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *4101           |     |     |     |     |     |     |     |     | +   | +   | +   | +  |     |     |     |    |     |     |     |     |     |     |     |     |
| *4401           | +   |     |     |     |     |     |     |     |     |     |     | +  |     |     |     |    | +   | +   | +   | +   | +   |     |     |     |
| *4501           |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   |     | +   | +   |     |     |     |     |
| *4601           |     |     |     |     |     |     |     | +   | +   | +   | +   | +  |     |     |     |    |     |     |     |     |     |     |     |     |
| *4701           |     |     |     |     |     |     |     | +   | +   | +   | +   |    | +   |     |     |    |     |     |     |     |     |     |     |     |
| *4801           |     |     |     |     |     |     |     | +   | +   | +   |     | +  |     |     | +   |    |     |     |     |     |     |     |     |     |
| *4901           |     |     |     | +   |     |     |     | +   |     |     |     |    |     |     |     | +  |     |     |     |     |     | +   |     |     |
| *5001           | +   | +   |     |     | +   |     |     |     |     |     |     |    |     |     |     | +  |     |     |     |     | +   |     |     |     |
| *5101           |     |     |     | +   |     |     |     | +   |     |     | +   |    |     |     |     | +  |     |     |     |     |     | +   |     |     |
| *5201           | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     |    | +   |     | +   | +   |     |     |     |     |
| *5301           |     |     |     | +   |     |     |     | +   |     |     |     |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *5401           |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |    | +   |     |     | +   |     |     |     |     |
| *5501           |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     |    | +   |     |     |     |     |     |     |     |
| *5601           | +   | +   | +   | +   |     |     | +   |     |     |     |     |    |     |     |     |    | +   |     | +   | +   |     |     |     |     |
| *5701           |     |     |     |     | +   |     |     |     |     |     |     |    |     |     |     | +  |     |     |     |     | +   |     |     | +   |
| *5801           |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     |    | +   |     |     |     |     |     |     |     |
| *5901           |     |     |     |     |     |     |     |     | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *6001           |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *6101N          | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *6201           |     |     |     |     |     |     |     | +   | +   |     |     |    |     |     |     |    |     |     |     |     |     |     | +   |     |
| *6301           |     |     |     |     |     |     |     | +   | +   |     |     |    |     |     |     |    |     |     |     |     |     |     | +   | +   |
| *6401N          |     |     |     |     |     |     |     |     | +   |     |     | +  |     |     |     |    | +   | +   | +   |     |     |     |     |     |
| *6501           |     |     | +   | +   | +   | +   | +   | +   |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     | +   |
| *6601           |     |     | +   | +   |     |     |     |     |     |     | +   |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *6701           |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |    | +   |     | +   | +   |     |     |     |     |
| *6801           |     |     |     |     | +   |     |     | +   |     |     |     |    |     |     |     | +  |     |     |     |     |     |     |     | +   |
| Tube 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 | 190 | 80 | 180 | 105 | 200 | 80 | 260 | 180 | 200 | 235 | 100 | 185 | 145 | 195 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product              |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     | 265 |
| Tube 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  |
| *6901                    |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     |    | +   | +   | +   |     |     |     |     |     |
| *7001                    |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *7101                    |     |     |     |     |     |     |     | +   | +   | +   | +   |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *7201                    |     |     | +   | +   |     |     |     |     |     |     | +   |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *7301                    |     |     |     |     | +   |     |     |     |     |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *7401                    |     |     | +   |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     | +   |     |     |     |     |     |
| *7501                    |     |     |     |     | +   |     |     | +   |     |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *7601                    |     |     |     | +   |     |     | +   |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *7701                    |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *7801                    | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *7901                    | +   | +   |     |     |     |     |     |     |     |     |     |    |     |     |     | +  | +   |     |     | +   |     |     |     |     |
| *8001                    |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *8101                    |     |     |     |     |     |     |     | +   |     | +   | +   | +  |     |     |     |    |     |     |     |     |     | +   |     |     |
| *8201                    |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *8301                    |     |     |     |     |     |     |     |     | +   |     | +   |    |     |     |     | +  |     |     |     |     |     |     |     |     |
| *8401                    |     |     |     |     | +   |     |     | +   |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     | +   |
| *8501                    |     | +   | +   | +   |     |     |     |     |     |     |     |    |     |     |     |    | +   |     |     |     |     |     |     |     |
| *8601                    |     |     |     |     |     |     |     |     | +   |     | +   | +  |     |     |     |    |     | +   |     |     |     |     |     |     |
| *8701                    |     | +   |     |     |     |     |     |     | +   |     |     |    |     |     |     |    | +   |     | +   |     |     |     |     |     |
| *8801                    | +   |     |     |     |     |     |     |     |     |     |     | +  |     |     |     |    | +   | +   |     | +   | +   |     |     |     |
| *8901                    |     | +   | +   | +   |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *9001                    | +   | +   | +   | +   | +   |     | +   |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *9101                    |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     | +  | +   | +   | +   |     |     |     |     |     |
| *9201                    | +   | +   |     | +   |     |     | +   |     |     |     |     |    |     |     |     | +  | +   | +   | +   | +   | +   |     |     |     |
| *9301                    |     |     |     |     |     |     |     |     | +   |     |     | +  |     |     |     |    | +   |     |     |     |     |     |     |     |
| *9401                    |     |     |     |     |     |     |     | +   | +   |     | +   |    |     |     |     |    |     |     |     |     |     |     |     |     |
| *9501                    |     |     |     |     |     |     |     |     | +   | +   |     |    |     |     | +   |    |     |     |     |     |     |     |     |     |
| *9601                    |     |     | +   | +   |     |     |     | +   |     |     |     |    |     |     |     |    |     |     |     |     |     | +   |     |     |
| *9701                    |     |     |     |     |     |     |     | +   | +   |     |     |    | +   | +   |     |    |     |     |     |     |     |     | +   | +   |
| *9801                    |     |     |     |     |     |     |     |     | +   |     |     |    |     |     |     | +  | +   | +   |     |     |     |     |     |     |
| *9901                    |     |     | +   | +   |     |     |     | +   |     |     | +   |    |     |     | +   |    |     |     |     |     |     | +   |     |     |
| DPB1 allele <sup>4</sup> |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |    |     |     |     |     |     |     |     |     |
| Tube 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  |

| INTERPRETATION TABLE                                         |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                           |  |                          |  |
|--------------------------------------------------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|--|--------------------------|--|
| DPB1 SSP typing                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                           |  |                          |  |
| Amplification patterns of the DPB1*0101 to DPB1*9901 alleles |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                           |  |                          |  |
| Tube <sup>6</sup>                                            |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                           |  |                          |  |
| 25                                                           | 26                   | 27                   | 28                    | 29                    | 30                    | 31                    | 32                    | 33                    | 34                    | 35                    | 36                    | 37                    | 38                    | 39                    | 40                    | 41                    | 42                    | 43                    | 44                    | 45                    | 46                    | 47                    | 48                    |                           |  |                          |  |
| 190                                                          | 75                   | 95                   | 200                   | 220                   | 185                   | 120                   | 75                    | 140                   | 210                   | 195                   | 260                   | 185                   | 100                   | 210                   | 95                    | 75                    | 140                   | 65                    | 195                   | 120                   | 205                   | 165                   | 210                   | Length of spec.           |  |                          |  |
| 265                                                          |                      |                      |                       |                       |                       |                       | 195                   |                       |                       |                       |                       | 255                   |                       |                       | 180                   | 230                   | 185                   | 190                   | 245                   | 190                   |                       | 255                   | 280                   | PCR product               |  |                          |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 285                   |                       | 275                   | 245                   |                       |                       |                       |                           |  |                          |  |
| 515                                                          | 430                  | 430                  | 515                   | 515                   | 430                   | 430                   | 430                   | 430                   | 515                   | 430                   | 515                   | 515                   | 515                   | 515                   | 430                   | 515                   | 430                   | 430                   | 430                   | 430                   | 515                   | 515                   | 515                   | Length of int.            |  |                          |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | pos. control <sup>1</sup> |  |                          |  |
| 9                                                            | 57                   | 57                   | 11                    | 9                     | 9                     | 57                    | 33                    | 36                    | 9                     | 33                    | 11                    | 36                    | 35                    | 9                     | -22                   | in <sup>5</sup>       | 9                     | 35                    | 7                     | 17                    | 9                     | 35                    | 11                    | 5'-primer(s) <sup>2</sup> |  |                          |  |
| 5'-Tg g <sup>3'</sup>                                        | 5'-gAC <sup>3'</sup> | 5'-gAC <sup>3'</sup> | 5'-g TT <sup>3'</sup> | 5'-Tg C <sup>3'</sup> | 5'-Tg C <sup>3'</sup> | 5'-gAg <sup>3'</sup>  | 5'-gg C <sup>3'</sup> | 5'-C gC <sup>3'</sup> | 5'-Tg C <sup>3'</sup> | 5'-gg C <sup>3'</sup> | 5'-g gg <sup>3'</sup> | 5'-C gC <sup>3'</sup> | 5'-Ag C <sup>3'</sup> | 5'-T TT <sup>3'</sup> | 5'-gCA <sup>3'</sup>  | 5'-CAT <sup>3'</sup>  | 5'-T TT <sup>3'</sup> | 5'-Ag C <sup>3'</sup> | 5'-TAA <sup>3'</sup>  | 5'-AC A <sup>3'</sup> | 5'-T TT <sup>3'</sup> | 5'-Ag C <sup>3'</sup> | 5'-g TT <sup>3'</sup> |                           |  |                          |  |
| 35                                                           |                      |                      | 11                    |                       |                       |                       | 33                    | 36                    |                       | 33                    | 11                    | 36                    | 36                    |                       | 9                     | 9                     |                       | ##                    | 17                    | 35                    |                       | ##                    | 11                    |                           |  |                          |  |
| 5'-Ag C <sup>3'</sup>                                        |                      |                      | 5'-g TT <sup>3'</sup> |                       |                       |                       | 5'-gg C <sup>3'</sup> | 5'-C gC <sup>3'</sup> |                       | 5'-gg C <sup>3'</sup> | 5'-g gg <sup>3'</sup> | 5'-C gC <sup>3'</sup> | 5'-C gT <sup>3'</sup> |                       | 5'-Tg C <sup>3'</sup> | 5'-T TT <sup>3'</sup> |                       | 5'-AAg <sup>3'</sup>  | 5'-AC C <sup>3'</sup> | 5'-g TA <sup>3'</sup> |                       | 5'-CC T <sup>3'</sup> | 5'-g TT <sup>3'</sup> |                           |  |                          |  |
|                                                              |                      |                      |                       |                       |                       |                       | 73                    |                       |                       |                       |                       | ##                    |                       |                       |                       |                       |                       |                       | 32                    | 57                    |                       |                       |                       |                           |  |                          |  |
|                                                              |                      |                      |                       |                       |                       |                       | 5'-g CT <sup>3'</sup> |                       |                       |                       |                       | 5'-CC T <sup>3'</sup> |                       |                       |                       |                       |                       |                       | 5'-CC C <sup>3'</sup> | 5'-gAC <sup>3'</sup>  |                       |                       |                       |                           |  |                          |  |
| 84                                                           | 69                   | 76                   | 65                    | 69                    | 57                    | 84                    | 84                    | 69                    | 65                    | 84                    | 84                    | 84                    | 55                    | 65                    | -4                    | 12                    | 43                    | 84                    | 84                    | 84                    | 64                    | 76                    | 67                    | 3'-primer(s) <sup>3</sup> |  |                          |  |
| 5'-C gT <sup>3'</sup>                                        | 5'-CTC <sup>3'</sup> | 5'-TAT <sup>3'</sup> | 5'-gAT <sup>3'</sup>  | 5'-CTC <sup>3'</sup>  | 5'-TA g <sup>3'</sup> | 5'-C gT <sup>3'</sup> | 5'-C gT <sup>3'</sup> | 5'-CTC <sup>3'</sup>  | 5'-gAg <sup>3'</sup>  | 5'-C gA <sup>3'</sup> | 5'-C gA <sup>3'</sup> | 5'-C gA <sup>3'</sup> | 5'-C Ag <sup>3'</sup> | 5'-gAg <sup>3'</sup>  | 5'-CAC <sup>3'</sup>  | 5'-g CA <sup>3'</sup> | 5'-CCA <sup>3'</sup>  | 5'-C gA <sup>3'</sup> | 5'-C gT <sup>3'</sup> | 5'-C gC <sup>3'</sup> | 5'-gTg <sup>3'</sup>  | 5'-CA T <sup>3'</sup> | 5'-CTA <sup>3'</sup>  |                           |  |                          |  |
|                                                              |                      | 76                   |                       |                       |                       |                       |                       |                       |                       |                       |                       | ##                    |                       |                       | 55                    | 70                    | 57                    | ##                    |                       |                       | 65                    | ##                    | 91                    |                           |  |                          |  |
|                                                              |                      | 5'-CAT <sup>3'</sup> |                       |                       |                       |                       |                       |                       |                       |                       |                       | 5'-CAT <sup>3'</sup>  |                       |                       | 5'-gC C <sup>3'</sup> | 5'-CCA <sup>3'</sup>  | 5'-A CA <sup>3'</sup> | 5'-CAT <sup>3'</sup>  |                       |                       | 5'-gAA <sup>3'</sup>  | 5'-CAG <sup>3'</sup>  | 5'-g gT <sup>3'</sup> |                           |  |                          |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 72                    | 91                    |                       |                       |                       | 65                    |                       | 91                    |                           |  |                          |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 5'-CAA <sup>3'</sup>  | 5'-g gT <sup>3'</sup> |                       |                       |                       | 5'-g gT <sup>3'</sup> |                       | 5'-g gT <sup>3'</sup> |                           |  |                          |  |
| 25                                                           | 26                   | 27                   | 28                    | 29                    | 30                    | 31                    | 32                    | 33                    | 34                    | 35                    | 36                    | 37                    | 38                    | 39                    | 40                    | 41                    | 42                    | 43                    | 44                    | 45                    | 46                    | 47                    | 48                    | Tube No.                  |  | DPB1 allele <sup>4</sup> |  |
|                                                              |                      |                      |                       |                       |                       | +                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                           |  | *010101-010103           |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       | ?                     |                       |                       | ?                     |                       |                       | ?                     |                       |                       |                       | ?                     |                       |                           |  | *0102                    |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | +                     |                       |                           |  | *020102, 020104-020105   |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | +                     |                       |                           |  | *020103                  |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | +                     |                       |                           |  | *020106                  |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | +                     |                       |                           |  | *0202                    |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       | ?                     |                       |                       | ?                     |                       |                       | ?                     |                       |                       |                       | ?                     |                       |                           |  | *0203                    |  |
|                                                              |                      |                      |                       |                       |                       | +                     |                       |                       |                       |                       |                       | ?                     |                       | +                     | ?                     |                       |                       | ?                     |                       |                       |                       | ?                     |                       |                           |  | *030101-030102           |  |
|                                                              |                      |                      |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                           |  | *0302                    |  |
| 25                                                           | 26                   | 27                   | 28                    | 29                    | 30                    | 31                    | 32                    | 33                    | 34                    | 35                    | 36                    | 37                    | 38                    | 39                    | 40                    | 41                    | 42                    | 43                    | 44                    | 45                    | 46                    | 47                    | 48                    | Tube No.                  |  |                          |  |

|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 190 | 75 | 95 | 200 | 220 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 195 | 120 | 205 | 165 | 210 | Length of spec. |
| 265 |    |    |     |     |     |     | 195 |     |     |     |     | 255 |     |     | 180 | 230 | 185 | 190 | 245 | 190 |     | 255 | 280 | PCR product     |
|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 275 | 245 |     |     |     |                 |
| 25  | 26 | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Tube No.        |
|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | +   |     | *040101-040102  |
|     |    |    |     |     |     |     |     |     |     |     |     | +   |     |     |     |     |     |     |     |     |     |     |     | *0402           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *0403           |
| +   |    |    |     |     |     | +   |     |     |     |     |     |     |     |     |     |     |     | +   |     |     |     |     |     | *0501           |
|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | +   |     |     |     |     |     | *0502           |
|     | +  | +  |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *0601           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     |     |     |     |     | +   |     | *0602           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *0801           |
|     |    |    |     |     |     | +   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | +   |     | *0802           |
|     | +  |    | +   | +   | +   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *0901           |
|     |    |    | +   |     |     | +   |     | +   |     |     |     |     |     |     | +   |     |     |     |     |     |     |     |     | *0902           |
|     |    |    | +   | +   |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1001           |
|     |    | +  |     |     |     |     |     |     |     |     |     | ?   |     | +   | ?   |     |     | ?   |     | +   |     | ?   |     | *1002           |
|     |    |    |     |     |     | +   | +   |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *110101-110102  |
|     |    |    | +   |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1102           |
|     |    |    | +   |     |     | +   |     | +   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *1301           |
|     |    |    | +   |     |     | +   |     | +   |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1302           |
|     |    |    |     |     | +   |     |     |     | +   |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     |     |     | *1401           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | +   |     |     | ?   |     | *1402           |
|     |    |    |     |     |     |     |     |     |     | +   | +   | +   |     |     |     |     |     |     |     |     |     |     |     | *1501           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *1502           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1601           |
|     |    |    | +   | +   |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1602           |
|     | +  | +  | +   | +   | +   |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1701           |
| +   |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1702           |
|     |    |    |     |     |     |     |     |     |     |     | +   | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1801           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | +   | ?   |     | *1802           |
|     |    |    |     |     |     | +   |     |     |     |     |     |     |     |     |     |     |     | +   |     |     |     |     |     | *1901           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *1902           |
|     |    | +  |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *200101-200102  |
|     |    |    | +   |     |     |     |     | +   |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   |     | ?   |     | *2002           |
| +   |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *2101           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | +   |     |     | ?   |     | *2102           |
| +   |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *2201           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *2301           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *2401           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *2501           |
|     |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *260101-260102  |
|     |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *2701           |
| 25  | 26 | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Tube No.        |

|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 190 | 75 | 95 | 200 | 220 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 195 | 120 | 205 | 165 | 210 | Length of spec. |
| 265 |    |    |     |     |     |     | 195 |     |     |     |     | 255 |     |     | 180 | 230 | 185 | 190 | 245 | 190 |     | 255 | 280 | PCR product     |
|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 275 | 245 |     |     |     |                 |
| 25  | 26 | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Tube No.        |
|     |    |    |     |     |     |     |     |     |     |     | +   | +   |     | +   | ?   |     |     | ?   |     |     |     | ?   |     | *2801           |
|     | +  |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *2901           |
|     |    |    | +   | +   |     | +   |     |     |     |     |     | ?   |     |     | +   |     |     | ?   |     |     |     | ?   |     | *3001           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     | +   | ?   | +   |     | ?   |     |     |     | ?   |     | *3101           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     | +   | ?   |     |     |     | ?   |     | *3201           |
|     |    |    |     |     |     |     |     | +   |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *3301           |
|     |    |    |     |     |     |     |     |     |     |     | +   | ?   | +   | +   | ?   | +   |     | +   |     |     |     | ?   |     | *3401           |
|     |    |    | +   |     | +   |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *3501           |
| +   |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *3601           |
|     |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *3701           |
| +   |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | +   |     |     | ?   |     | *3801           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   |     | ?   |     | *3901           |
|     |    |    |     |     |     |     |     |     |     |     | +   | +   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *4001           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | +   | ?   |     | *4101           |
| +   | +  |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | +   |     | *4401           |
|     |    |    |     |     |     | +   |     |     | +   |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *4501           |
|     | +  | +  |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   |     | ?   |     | *4601           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *4701           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *4801           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   |     | ?   |     | *4901           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *5001           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *5101           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *5201           |
|     |    |    |     |     |     |     |     |     |     | +   | +   |     |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *5301           |
|     |    |    | +   | +   |     | +   |     |     |     |     |     | ?   |     |     | +   |     |     | ?   |     |     |     | ?   |     | *5401           |
|     |    |    | +   | +   |     | +   |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *5501           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *5601           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     | +   | ?   |     |     | ?   |     |     |     | ?   |     | *5701           |
| +   |    |    | +   | +   |     | +   |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *5801           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     | +   | ?   |     |     | ?   |     |     |     | ?   |     | *5901           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | +   | ?   |     | *6001           |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | +   | *6101N          |
|     |    |    |     |     |     |     |     |     |     | +   | ?   | +   |     |     | ?   |     |     | +   |     |     |     | ?   |     | *6201           |
| +   |    |    |     |     |     | +   |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *6301           |
|     | +  | +  |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   | +   |     |     | ?   |     | *6401N          |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *6501           |
|     |    |    | +   |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *6601           |
|     |    |    |     |     |     | +   |     |     | +   |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *6701           |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *6801           |
| 25  | 26 | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Tube No.        |

|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                          |
|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------|
| 190 | 75 | 95 | 200 | 220 | 185 | 120 | 75  | 140 | 210 | 195 | 260 | 185 | 100 | 210 | 95  | 75  | 140 | 65  | 195 | 120 | 205 | 165 | 210 | Length of spec.          |
| 265 |    |    |     |     |     |     | 195 |     |     |     |     | 255 |     |     | 180 | 230 | 185 | 190 | 245 | 190 |     | 255 | 280 | PCR product              |
|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 285 |     | 275 | 245 |     |     |     |                          |
| 25  | 26 | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Tube No.                 |
|     |    | +  |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *6901                    |
| +   |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *7001                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *7101                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     | +   | ?   |     |     | ?   |     |     |     | ?   |     | *7201                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     | +   | ?   |     |     | ?   |     |     |     | ?   |     | *7301                    |
|     |    |    |     |     |     |     |     |     |     | +   |     | +   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *7401                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *7501                    |
|     |    |    |     |     | +   |     |     |     | +   |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *7601                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   | +   |     | ?   |     |     |     | ?   |     | *7701                    |
|     |    |    |     |     |     |     | +   |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *7801                    |
|     |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *7901                    |
|     |    | +  |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   |     | ?   |     | *8001                    |
|     |    |    |     |     |     |     |     | +   |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *8101                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     | +   | ?   |     |     |     | ?   |     | *8201                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     | +   | ?   |     | *8301                    |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *8401                    |
|     |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   | +   | *8501                    |
|     | +  | +  | +   | +   | +   |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   |     | ?   |     | *8601                    |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   | +   |     | ?   |     |     | ?   |     |     |     | ?   |     | *8701                    |
|     | +  |    | +   |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *8801                    |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *8901                    |
|     |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *9001                    |
|     |    | +  |     |     | +   |     |     |     | +   |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *9101                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *9201                    |
|     |    |    | +   |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *9301                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   | +   |     | ?   |     |     |     | ?   |     | *9401                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   | +   | +   | ?   |     |     | ?   |     |     |     | ?   |     | *9501                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     | +   | +   | ?   |     | *9601                    |
| +   |    |    |     |     |     | +   |     |     |     |     |     | ?   |     |     | ?   |     | +   | ?   |     |     |     | ?   |     | *9701                    |
|     |    | +  | +   |     | +   |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *9801                    |
|     |    |    |     |     |     |     |     |     |     |     |     | ?   |     |     | ?   |     |     | ?   |     |     |     | ?   |     | *9901                    |
|     |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | DPB1 allele <sup>4</sup> |
| 25  | 26 | 27 | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | Tube No.                 |