

# INTERPRETATION TABLE

## HLA-B\*14 SSP subtyping

Amplification patterns of the B\*1401 to B\*1410 alleles

|                                | Well <sup>4</sup> |           |           |           |                   |           |           |           |           |           |                   |
|--------------------------------|-------------------|-----------|-----------|-----------|-------------------|-----------|-----------|-----------|-----------|-----------|-------------------|
|                                | 1                 | 2         | 3         | 4         | 5                 | 6         | 7         | 8         | 9         | 10        | 11                |
| Length of spec.                | 265               | 185       | 185       | 85        | 135               | 95        | 260       | 250       | 160       | 270       | 135               |
| PCR product                    |                   |           |           |           | 220               |           |           |           |           |           |                   |
| Length of int.                 | 800               | 1070      | 800       | 1070      | 1070              | 1070      | 1070      | 1070      | 1070      | 1070      | 1070              |
| pos. control <sup>1</sup>      |                   |           |           |           |                   |           |           |           |           |           |                   |
| 5'-primer(s) <sup>2</sup>      | 361               | 103       | 103       | 539       | 91                | 363       | 363       | 103       | 361       | 355       | 560               |
|                                | 5'-AgT 3'         | 5'-CCT 3' | 5'-CCg 3' | 5'-gCg 3' | 5'-ggC 3'         | 5'-AgC 3' | 5'-Agg 3' | 5'-CCT 3' | 5'-AgT 3' | 5'-TCA 3' | 5'-CAC 3'         |
|                                |                   |           |           |           | 564               |           |           |           |           |           |                   |
|                                |                   |           |           |           | 5'-TgA 3'         |           |           |           |           |           |                   |
| 3'-primer(s) <sup>3</sup>      | 583               | 246       | 246       | 583       | 269               | 419       | 583       | 310       | 479       | 583       | 3 <sup>rd</sup> I |
|                                | 5'-gTg 3'         | 5'-TAT 3' | 5'-TAT 3' | 5'-gTg 3' | 5'-AgT 3'         | 5'-CgA 3' | 5'-gTg 3' | 5'-gTT 3' | 5'-CCC 3' | 5'-gTg 3' | 5'-TAT 3'         |
|                                |                   | 246       |           |           | 3 <sup>rd</sup> I |           |           |           |           |           |                   |
|                                |                   | 5'-TAT 3' |           |           | 5'-TAT 3'         |           |           |           |           |           |                   |
| Well No.                       | 1                 | 2         | 3         | 4         | 5                 | 6         | 7         | 8         | 9         | 10        | 11                |
| HLA-B allele                   |                   |           |           |           |                   |           |           |           |           |           |                   |
| *1401                          | 1                 | 2         |           |           |                   |           |           | 8         |           |           | 11                |
| *140201, 140202                | 1                 |           | 3         |           |                   |           |           |           |           |           | 11                |
| *1403                          | 1                 |           | 3         | 4         |                   |           |           |           |           |           | 11                |
| *1404                          | 1                 |           | w         |           | 5                 |           |           |           |           |           | 11                |
| *1405                          |                   |           | 3         |           |                   | 6         |           |           |           |           | 11                |
| *140601, 140602                |                   |           | 3         |           |                   |           | 7         |           |           |           | 11                |
| *1407N                         | 1                 | 2         |           |           | 5                 |           |           | 8         |           |           | 11                |
| *1408, 3943, 3948 <sup>5</sup> |                   | 2         |           |           |                   |           | 7         | 8         |           |           | 11                |
| *1409                          | 1                 |           | 3         |           |                   |           |           |           | 9         |           | 11                |
| *1410                          |                   | 2         |           |           |                   |           |           | 8         |           | 10        | 11                |
| Well No.                       | 1                 | 2         | 3         | 4         | 5                 | 6         | 7         | 8         | 9         | 10        | 11                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |     |     |    |     |    |     |     |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|-----|
| Length of spec.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 265 | 185 | 185 | 85 | 135 | 95 | 260 | 250 | 160 | 270 | 135 |
| PCR product                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |     |    | 220 |    |     |     |     |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1   | 2   | 3   | 4  | 5   | 6  | 7   | 8   | 9   | 10  | 11  |
| *070201-070207, 070209-071802, 0720-0726, 0728, 0730, 0732, 0733, 0735, 0737, 0739-0742, 0744-0764, 0766-0769, 0775-0777, 1568, 1571, 1810, 1821, 1835, 2708, 2712, 2718, 2726, 2733, 2740, 2742, 2744, 3550, 3584, 400201-400602, 4008, 4009, 4011, 4018, 4020, 4024, 4026, 4027, 4029, 4035, 4037, 4040, 4044, 4050, 4056, 4064, 4068, 4070, 4071, 4074, 4075, 4078, 4082, 4083, 4085, 4086, 4089-4091, 4093-4095, 4097, 4098, 480101-4806, 4808-4817, 4819, 7301, 8101-8104N |     |     |     |    |     |    |     | 8   |     |     |     |
| *0719, 0731, 0734, 0743, 1802, 1811, 1814, 1827, 3705, 3711, 390202, 3910, 391301, 391302, 3916, 3917, 391901, 3920, 3923, 3945, 3949, 4039, 4201, 4202, 4204-420502, 4207-4212, 5402, 5510, 670102, 6702                                                                                                                                                                                                                                                                       |     |     |     |    |     |    |     | 8   |     |     | 11  |
| *080101-0810, 081201-0820, 0822-0824, 0826-0838, 1306, 1542, 1544, 1550, 1569, 1583, 1586, 1593, 9521, 2715, 2728, 3535, 3560, 3587, 3593, 370101-370104, 3703N, 3704, 3706, 3708-3710, 3712-3714, 3804, 3806, 3912, 4101-4108, 4404, 4456N, 4508, 4603, 4618, 4621, 5121, 5136, 5401, 5404, 5405N, 5407-5419, 550101-5505, 5507, 5511-5521, 5523, 5525-5535, 5610, 5612, 5618, 5623, 5805, 5820, 5901-5903, 5905                                                               |     |     |     |    |     |    |     |     |     |     | 11  |
| *1537, 1538, 5106, 5145, 5162                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |     |     |    |     |    | 7   |     |     |     |     |
| *180101-180103, 1803, 1805-1808, 1812, 1815, 1817N-1820, 1823N, 1824, 1826, 1828, 1829, 1831-1833                                                                                                                                                                                                                                                                                                                                                                               |     |     |     |    |     |    | 7   | 8   |     |     | 11  |
| Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1   | 2   | 3   | 4  | 5   | 6  | 7   | 8   | 9   | 10  | 11  |

|                                                                                                                                                                        |     |     |     |    |     |    |     |     |       |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----|-----|----|-----|-----|-------|-----|-----|
| Length of spec.                                                                                                                                                        | 265 | 185 | 185 | 85 | 135 | 95 | 260 | 250 | 160   | 270 | 135 |
| PCR product                                                                                                                                                            |     |     |     |    | 220 |    |     |     |       |     |     |
| Well No.                                                                                                                                                               | 1   | 2   | 3   | 4  | 5   | 6  | 7   | 8   | 9     | 10  | 11  |
| *1804, 1809, 1825, 4051                                                                                                                                                |     |     |     |    | 7   |    |     |     | 11    |     |     |
| *1813, 1830                                                                                                                                                            |     |     |     | 4  |     |    | 7   | 8   |       |     | 11  |
| *1822                                                                                                                                                                  |     |     |     |    | 8   |    |     |     | 10 11 |     |     |
| *3521, 3524, 3581, 5104, 5146, 5156, 5302, 5306, 5714, 5809                                                                                                            |     |     |     |    |     |    |     |     |       | 10  |     |
| *3526                                                                                                                                                                  | 3   |     |     |    |     |    |     |     |       |     |     |
| *380101-3803, 3807, 3809-3818                                                                                                                                          |     | 2   |     |    |     |    |     |     |       |     | 11  |
| *3805, 3904                                                                                                                                                            | 3   |     |     |    |     |    |     |     | 11    |     |     |
| *3808                                                                                                                                                                  |     | 2   |     |    |     |    |     |     |       |     |     |
| *3819                                                                                                                                                                  | 2   |     |     |    | 6   |    |     |     | 11    |     |     |
| *39010101, 39010102L, 390103-390201, 3905-390602, 3908, 3909, 3911, 3914, 3915, 3918, 391902, 3922, 3925N-3931, 3934-3936, 3938Q, 3939, 3941, 3942, 3944, 3946, 670101 |     | 2   |     |    |     |    |     | 8   |       |     | 11  |
| *3903, 3924, 3937                                                                                                                                                      | 2   |     |     |    | 6 8 |    |     |     | 11    |     |     |
| *3907                                                                                                                                                                  |     | ?   | ?   |    |     |    |     | ?   |       |     | 11  |
| *3932                                                                                                                                                                  | 2   |     |     |    | 7 8 |    |     |     |       |     |     |
| *3933, 3947, 3950                                                                                                                                                      |     | 2   |     |    |     |    |     | 8   |       |     |     |
| *3940N                                                                                                                                                                 | 2   |     |     |    | 5 8 |    |     |     | 11    |     |     |
| *4028                                                                                                                                                                  |     |     |     |    |     |    |     | 8   |       | 10  |     |
| *4206                                                                                                                                                                  |     |     |     |    | 6 8 |    |     |     | 11    |     |     |
| *4807                                                                                                                                                                  |     |     |     |    |     | 6  |     | 8   |       |     |     |
| *5129                                                                                                                                                                  | 4   |     |     |    |     |    |     |     |       |     |     |
| Cw*0808                                                                                                                                                                |     |     |     |    |     | 6  |     |     |       |     |     |
| HLA-B allele                                                                                                                                                           |     |     |     |    |     |    |     |     |       |     |     |
| Well No.                                                                                                                                                               | 1   | 2   | 3   | 4  | 5   | 6  | 7   | 8   | 9     | 10  | 11  |