

INTERPRETATION TABLE

HLA-B*18 SSP subtyping

Amplification patterns of the B*1801 to B*1829 alleles

| | Well ⁵ | | | | | | | | | | | |
|---------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|----------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Length of spec. | 170 | 260 | 260 | 100 | 135 | 130 | 150 | 190 | 255 | 85 | 630 | 140 |
| PCR product(s) | | | | | | | | | | 125 | | |
| Length of int. | 800 | 800 | 800 | 800 | 1070 | 1070 | 1070 | 1070 | 1070 | 800 | 1070 | 1070 |
| pos. control ¹ | | | | | | | | | | | | |
| 5'-primer(s) ² | 161 | 363 | 363 | 234 | 141 | 363 | 161 | 412 | 368 | 234 | 234 | 161 |
| | 5'-Cgg3' | 5'-Agg3' | 5'-AAT3' | 5'-CAA3' | 5'-ATT3' | 5'-Agg3' | 5'-Cgg3' | 5'-ATg3' | 5'-gTg3' | 5'-CAA3' | 5'-CAA3' | 5'-Cgg3' |
| | | | | 523 | | | | | 368 | 610 | | |
| | | | | 5'-CCA3' | | | | | 5'-gTT3' | 5'-TgT3' | | |
| 3'-primer(s) ³ | 292 | 583 | 583 | 292 | 234 | 453 | 272 | 559 | 583 | 317 | 583 | 259 |
| | 5'-gTA3' | 5'-gTg3' | 5'-gTg3' | 5'-gTC3' | 5'-TCT3' | 5'-TCC3' | 5'-TgA3' | 5'-CTC3' | 5'-gTg3' | 5'-ggA3' | 5'-gTA3' | 5'-CTC3' |
| | 292 | | | 583 | | | | | | 3 rd I | | |
| | 5'-gTA3' | | | 5'-gTg3' | | | | | | 5'-TAT3' | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| HLA-B allele ⁴ | | | | | | | | | | | | |
| *180101-180103 | 1 | 2 | | | | | | | | | | |
| *1802 | 1 | | 3 | | | | | | | | | |
| *1803 | | 2 | | 4 | | | | | | | | |
| *1804 | 1 | 2 | | | 5 | | | | | | | |
| *1805 | 1 | 2 | | | | 6 | | | | | | |
| *1806 | 1 | 2 | | | | | | | | | | |
| *1807 | 1 | 2 | | | | | 7 | | | | | |
| *1808 | 1 | 2 | | | | | | | 9 | | | |
| *1809 | | 2 | | | | | | | | 10 | | |
| *1810 | 1 | | | | | | | 8 | | | 11 | |
| *1811 | 1 | | | | | | | | | | 11 | |
| *1812 | 1 | 2 | | | | | | | | | | 12 |
| *1813 | 1 | 2 | | | | | | | | | | |
| *1814 | 1 | | | | | | | | | | | |
| *1815 | 1 | 2 | | | | | | | | | | |
| *1817N | 1 | 2 | | | | | | | | | | |
| *1818 | 1 | 2 | | | | | | | | | | |
| *1819 | 1 | 2 | | | | | | | | | | |
| *1820 | 1 | 2 | | | | | | | | | | |
| *1821 | 1 | | | | | | | 8 | | | 11 | |
| *1822 | 1 | | | | | | | | | | | |
| *1823N | 1 | 2 | | | | | | | | 10 | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| Length of spec. | 170 | 260 | 260 | 100 | 135 | 130 | 150 | 190 | 255 | 85 | 630 | 140 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product(s) | | | | | | | | | | 125 | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| *1824 | 1 | 2 | | | | | | | | | | |
| *1825 | 1 | 2 | | | | | | | | | | |
| *1826 | 1 | 2 | | | | | | | | | | |
| *1827 | 1 | | | | | | | | 9 | | | |
| *1828 | 1 | 2 | | 4 | | | | | | | | |
| *1829, 3932, 3943 ⁶ | | 2 | | | | | | | | | | |
| *070201-0704, 0707, 0708, 0710, 0712, 0713, 0715, 0716, 071801-071802, 0721- 0723, 0725-0727, 0729, 0730, 0733, 0735-0739, 0741, 0742, 0744-0752, 0754-0759, 0761-0764, 1547, 1549, 1552, 9514, 9517, 9524, 2734, 3515, 3533, 3566, 3586, 3707, 4018, 4024, 4031-4033, 4044, 4808 | | | | | | | | 8 | | | | |
| *0709, 0711, 2741, 4003, 4020, 4052, 4059, 4606, 5713 | | | | | | | | 8 | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| Length of spec. | 170 | 260 | 260 | 100 | 135 | 130 | 150 | 190 | 255 | 85 | 630 | 140 |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product(s) | | | | | | | | | | 125 | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| *0714, 0717, 0728, 0814, 0828, 1310, 1502, 1506, 1513, 15170101-151702, 1521, 1525, 1531, 1536, 1544, 1555, 1577, 1588, 1589, 9506, 9512, 9521, 9528, 9537, 9539, 9544, 2701-270402, 270502-2706, 2708-2710, 2712-2719, 2721, 2723, 2725, 2726, 2729-2732, 2735-2740, 2742, 370101-3703N, 3705, 3706, 3708, 3710, 3711, 3713, 3917, 4009, 4042, 4060, 44020101-4409, 4411-4413, 4415, 4416, 4418-4430, 4432-4442, 4444, 4446-4450, 4452N-4458N, 4460, 4501-4508, 47010101-4705, 4817, 4901-4903, 4905, 5001, 5002, 5004, 5142, 5307, 5704, 5705, 7301, 8301 | | | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| Length of spec. | 170 | 260 | 260 | 100 | 135 | 130 | 150 | 190 | 255 | 85 | 630 | 140 |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product(s) | | | | | | | | | | 125 | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| *0734, 080101-0806, 0808N-0813, 0815-0820, 0822-0824, 0826, 0827, 0829-0836, 1306, 1542, 1583, 1586, 3560, 3587, 3712, 380101, 380201-3807, 3809-3817, 39010101-39010102L, 390103-390602, 3908-3914, 3916, 3918-3920, 3922-3928, 3930, 3931, 3934-3937, 3939, 3941, 3942, 4039, 4101-410302, 4105-4108, 4201, 4202, 4204-4208, 5136, 5401, 5402, 5404, 5405N, 5407, 5408N, 5410-5413, 550101-5505, 5507, 5510-5513, 5515-5521, 5525, 5526, 5528-5530, 5610, 5612, 5623, 5901, 5902, 670101-6702 | | | | | | | | | | | | |
| *1315, 5108-510902, 5119, 5120, 5131, 5144N, 5153, 5210 | | | | | | | | | | | | |
| *1401-140202, 1404, 1407N | | | | | | | | | | | | |
| *1403 | | | | | | | | | | | | |
| *1405 | | | | | | | | | | | | |
| *140601-140602, 1408 | | 2 | | | | | | | | | | |
| *1503, 1516, 1518, 1523, 1529, 1539, 1561, 1562, 1564, 1567, 1569, 1572, 1574, 1580, 1593, 1595, 1598, 9503, 9508, 9515, 9519, 9527, 9531, 9532, 9534, 3511, 3558, 4608, 4904, 5308, 5514, 5806 | | | | | | | | | | | | |
| *1533, 9507, 9516, 9541, 3564 | | | | | | | | | | | | |
| *1537, 5106 | | 2 | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| Length of spec. | 170 | 260 | 260 | 100 | 135 | 130 | 150 | 190 | 255 | 85 | 630 | 140 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PCR product(s) | | | | | | | | | | 125 | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| *1538 | | 2 | | | | | | | | | | |
| *1540, 9538 | | | | | | | | 8 | | | | |
| *2728 | | | 3 | | | | | | | | | |
| *350202, 352002 | | | | | | | | | | | 11 | |
| *3521, 5306 | | | | | | | | | | | | |
| *3524, 3581, 5302, 5714, 5809 | | | | | | | | | | | | |
| *3704 | | | | | | | | | | | | |
| *4028, 5104, 5146 | | | | | | | | | | | | |
| *4051 | | 2 | | | | | | | | | | |
| *4459 | | | | | | 6 | | | | | | |
| *510101-510109, 5103, 5107, 5111N-5114, 5116, 5122, 512401-512402, 5126-5128, 5130, 5132, 5133, 5135, 5138, 5139, 5141N, 5143, 5148-5152, 5155, 520101-5202, 5204-5209, 5212, 560501-5606, 5621, 5808, 7801-7803, 7805 | | | | | | | | | | | | |
| *5117, 5118 | | | | | | | | | | | | |
| *5121 | | | | | | | | | | | | |
| *5129 | | | | | | | | | | | | |
| *5137 | | | | | | | | | | | | |
| *5145 | | 2 | | | | | | | | | | |
| HLA-B allele ⁴ | | | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A*6604 | | | | | | | | | | | | |
| Cw*1519, Cw*1520 | | | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

INTERPRETATION TABLE

HLA-B*18 SSP subtyping

Amplification patterns of the B*1801 to B*1829 alleles

| Well ⁵ | | | | | | | | | | | | |
|-------------------|----------|----------|----------|----------|----------|----------|-------------------|----------|------------|------------|----------|---------------------------|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| 85 | 170 | 95 | 365 | 255 | 150 | 105 | 285 | 215 | 270 | 100 | 190 | Length of spec. |
| | 260 | | | | | | | | | 145 | | PCR product(s) |
| 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 800 | 800 | 1070 | Length of int. |
| | | | | | | | | | | | | pos. control ¹ |
| 539 | 106 | 527 | 41 | 368 | 419 | 234 | 409 | 409 | 355 | 130 | 412 | 5'-primer(s) ² |
| 5'-gCg3' | 5'-CCA3' | 5'-TgA3' | 5'-CTA3' | 5'-gTC3' | 5'-gTC3' | 5'-CAA3' | 5'-ggT3' | 5'-ggC3' | 5'-TCA3' | 5'-AgT3' | 5'-ATA3' | |
| 539 | 363 | | | | | | | | | 419 | | |
| 5'-gTg3' | 5'-AgC3' | | | | | | | | | 5'-gTC3' | | |
| 583 | 234 | 583 | 234 | 583 | 527 | 299 | 3 rd I | 583 | 583 | 234 | 559 | 3'-primer(s) ³ |
| 5'-gTA3' | 5'-TCT3' | 5'-gTg3' | 5'-TCT3' | 5'-gTg3' | 5'-CCT3' | 5'-TCA3' | 5'-TAT3' | 5'-gTg3' | 5'-gTg3' | 5'-TCT3' | 5'-CgT3' | |
| | 583 | | | | | | | | | 477 | | |
| | 5'-gTg3' | | | | | | | | | 5'-gCg3' | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | | | | | | | HLA-B allele ⁴ |
| | | | | | | | | 21 | | | | *180101-180103 |
| | | | | | | | | 21 | | | | *1802 |
| | | | | | | | | 21 | | | | *1803 |
| 14 | | | | | | | | 21 | | | | *1804 |
| | | | | | | | | 21 | | | | *1805 |
| | | | | | | 19 | | 21 | | | | *1806 |
| | | | | | | | | 21 | | | | *1807 |
| | | | | | | | | 21 | | | | *1808 |
| | | | | | | | | 21 | | | | *1809 |
| | | | | | | | | | | | | *1810 |
| | | | | | | | | | | | | *1811 |
| | | | | | | | | 21 | | | | *1812 |
| 13 | | | | | | | | 21 | | | | *1813 |
| | 14 | | | | | | | 21 | | | | *1814 |
| | | 15 | | | 18 | | | 21 | | | | *1815 |
| | | | 16 | | | | | 21 | | | | *1817N |
| | | | | 17 | | | | 21 | | | | *1818 |
| 13 | | 15 | | | | | | 21 | | | | *1819 |
| | | | | | | | 20 | | | | | *1820 |
| | | | | | | | | | | 23 | | *1821 |
| | | | | | | | | 21 | 22 | | | *1822 |
| | | | | | | | | 21 | | | | *1823N |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |

| 85 | 170 | 95 | 365 | 255 | 150 | 105 | 285 | 215 | 270 | 100 | 190 | Length of spec. |
|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | 260 | | | | | | | | | 145 | | PCR product(s) |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | | | 21 | | 23 | | *1824 |
| | 14 | | | | | | | 21 | | | | *1825 |
| | | | | | | | | 21 | | | 24 | *1826 |
| | | | | | | | | 21 | | | | *1827 |
| | | | | | | | | 21 | | | | *1828 |
| | | | | | | | | 21 | | | | *1829, 3932, 3943 ⁶ |
| | | | | | | | | | | | | *070201-0704, 0707, 0708, 0710, 0712, 0713, 0715, 0716, 071801-071802, 0721- 0723, 0725-0727, 0729, 0730, 0733, 0735-0739, 0741, 0742, 0744-0752, 0754-0759, 0761-0764, 1547, 1549, 1552, 9514, 9517. 9524, 2734, 3515, 3533, 3566, 3586, 3707, 4018, 4024, 4031-4033, 4044, 4808 |
| | | | | | | | | | | 23 | | *0709, 0711, 2741, 4003, 4020, 4052, 4059, 4606, 5713 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |

| 85 | 170 | 95 | 365 | 255 | 150 | 105 | 285 | 215 | 270 | 100 | 190 | Length of spec. |
|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | 260 | | | | | | | | | 145 | | PCR product(s) |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | | 20 | | | | | *0714, 0717, 0728, 0814, 0828, 1310, 1502, 1506, 1513, 15170101-151702, 1521, 1525, 1531, 1536, 1544, 1555, 1577, 1588, 1589, 9506, 9512, 9521, 9528, 9537, 9539, 9544, 2701-270402, 270502-2706, 2708-2710, 2712-2719, 2721, 2723, 2725, 2726, 2729-2732, 2735-2740, 2742, 370101-3703N, 3705, 3706, 3708, 3710, 3711, 3713, 3917, 4009, 4042, 4060, 44020101-4409, 4411- 4413, 4415, 4416, 4418- 4430, 4432-4442, 4444, 4446-4450, 4452N-4458N, 4460, 4501-4508, 47010101- 4705, 4817, 4901-4903, 4905, 5001, 5002, 5004, 5142, 5307, 5704, 5705, 7301, 8301 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |

| 85 | 170 | 95 | 365 | 255 | 150 | 105 | 285 | 215 | 270 | 100 | 190 | Length of spec. |
|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| | 260 | | | | | | | | | 145 | | PCR product(s) |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | | | | | | 24 | *0734, 080101-0806, 0808N-0813, 0815-0820, 0822-0824, 0826, 0827, 0829-0836, 1306, 1542, 1583, 1586, 3560, 3587, 3712, 380101, 380201-3807, 3809-3817, 39010101-39010102L, 390103-390602, 3908-3914, 3916, 3918-3920, 3922-3928, 3930, 3931, 3934-3937, 3939, 3941, 3942, 4039, 4101-410302, 4105-4108, 4201, 4202, 4204-4208, 5136, 5401, 5402, 5404, 5405N, 5407, 5408N, 5410-5413, 550101-5505, 5507, 5510-5513, 5515-5521, 5525, 5526, 5528-5530, 5610, 5612, 5623, 5901, 5902, 670101-6702 |
| | | | | | | | | 21 | | | | *1315, 5108-510902, 5119, 5120, 5131, 5144N, 5153, 5210 |
| | | 15 | | | | | 20 | | | | | *1401-140202, 1404, 1407N |
| 13 | | 15 | | | | | 20 | | | | | *1403 |
| | 14 | 15 | | | | | 20 | | | | | *1405 |
| | | 15 | | | | | 20 | | | | | *140601-140602, 1408 |
| | | | | | 18 | | | | | | | *1503, 1516, 1518, 1523, 1529, 1539, 1561, 1562, 1564, 1567, 1569, 1572, 1574, 1580, 1593, 1595, 1598, 9503, 9508, 9515, 9519, 9527, 9531, 9532, 9534, 3511, 3558, 4608, 4904, 5308, 5514, 5806 |
| | | | | | | | | | | 23 | | *1533, 9507, 9516, 9541, 3564 |
| | | 15 | | | | | | 21 | | | | *1537, 5106 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |

| 85 | 170 | 95 | 365 | 255 | 150 | 105 | 285 | 215 | 270 | 100 | 190 | Length of spec. PCR product(s) |
|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | 260 | | | | | | | | | 145 | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| 13 | | 15 | | | | | | 21 | | | | *1538 |
| | | | | | 18 | | | | | | | *1540, 9538 |
| | | | | | | | 20 | | | | | *2728 |
| | 14 | | | | | | | | | | | *350202, 352002 |
| | | 15 | | | 18 | | | 21 | 22 | | | *3521, 5306 |
| | | | | | | | | 21 | 22 | | | *3524, 3581, 5302, 5714, 5809 |
| | | | | w | | | 20 | | 22 | | | *3704 |
| | | 15 | | | | | | 21 | 22 | | | *4028, 5104, 5146 |
| | | 15 | | | | | | 21 | | | 24 | *4051 |
| | | | | | | | 20 | | | | | *4459 |
| | | 15 | | | | | | 21 | | | | *510101-510109, 5103, 5107, 5111N-5114, 5116, 5122, 512401-512402, 5126 5128, 5130, 5132, 5133, 5135, 5138, 5139, 5141N, 5143, 5148-5152, 5155, 520101-5202, 5204-5209, 5212, 560501-5606, 5621, 5808, 7801-7803, 7805 |
| | | 15 | | | | | | | | | | *5117, 5118 |
| | | 15 | | | | | | 21 | | | 24 | *5121 |
| 13 | | 15 | | | | | | 21 | | | | *5129 |
| | | 15 | | | 18 | | | 21 | | | | *5137 |
| | | 15 | | | 18 | | | 21 | | | | *5145 |
| | | | | | | | | | | | | HLA-B allele ⁴ |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| w | | | | | | | | | | | | A*6604 |
| | | | | | 18 | | | | | 23 | | Cw*1519, Cw*1520 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |