

| INTERPRETATION TABLE                                                                                                                            |          |          |          |          |          |          |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| HLA-B*41 SSP subtyping                                                                                                                          |          |          |          |          |          |          |          |          |
| Amplification patterns of the HLA-B*4101 to B*4108 alleles                                                                                      |          |          |          |          |          |          |          |          |
|                                                                                                                                                 | Well     |          |          |          |          |          |          |          |
|                                                                                                                                                 | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        |
| Length of spec.                                                                                                                                 | 295      | 215      | 70       | 270      | 255      | 220      | 295      | 215      |
| PCR product                                                                                                                                     |          |          |          |          |          |          |          |          |
| Length of int.                                                                                                                                  | 800      | 1070     | 1070     | 800      | 1070     | 1070     | 800      | 1070     |
| pos. control <sup>1</sup>                                                                                                                       |          |          |          |          |          |          |          |          |
| 5'-primer <sup>2</sup>                                                                                                                          | 357      | 363      | 97       | 379      | 97       | 357      | 357      | 97       |
|                                                                                                                                                 | 5'-Tgg3' | 5'-AgC3' | 5'-TCC3' | 5'-ACC3' | 5'-TCC3' | 5'-Tgg3' | 5'-Tgg3' | 5'-TCC3' |
|                                                                                                                                                 |          |          |          |          |          |          |          |          |
| 3'-primer <sup>3</sup>                                                                                                                          | 610      | 538      | 126      | 610      | 312      | 538      | 610      | 272      |
|                                                                                                                                                 | 5'CTC3'  | 5'-gTC3' | 5'-TCT3' | 5'CTC3'  | 5'-AgC3' | 5'-gTC3' | 5'CTg3'  | 5'Tgg3'  |
| Well No.                                                                                                                                        | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        |
| HLA-B allele                                                                                                                                    |          |          |          |          |          |          |          |          |
| *4101                                                                                                                                           | 1        |          |          |          |          | 6        |          | 8        |
| *4102                                                                                                                                           |          | 2        |          |          |          |          |          | 8        |
| *410301                                                                                                                                         |          |          | 3        |          |          |          |          | 8        |
| *410302                                                                                                                                         |          |          |          |          |          |          |          | 8        |
| *4104                                                                                                                                           |          | 2        |          | 4        |          |          |          | 8        |
| *4105                                                                                                                                           | 1        |          |          |          | 5        | 6        |          | 8        |
| *4106, 4508 <sup>4</sup>                                                                                                                        |          |          |          |          |          | 6        | 7        | 8        |
| *4107                                                                                                                                           | 1        |          |          | 4        |          | 6        |          | 8        |
| *4108                                                                                                                                           |          |          |          |          |          |          |          | 8        |
| *0704, 0725, 420501-420502                                                                                                                      |          | 2        |          |          |          |          |          |          |
| *0712, 3566, 4817, 5315                                                                                                                         |          |          |          | 4        |          |          |          |          |
| *0719, 080101-0805, 0807, 0808N, 0810, 0811, 0814, 0815, 0817-0819N, 0821-0824, 0826-0830N, 0832, 0834-0836, 3587, 4201, 4202, 4206, 4207, 4209 |          | 2        |          |          |          |          |          |          |
| *0833                                                                                                                                           |          | 2        |          |          |          |          |          |          |
| *0809, 4204                                                                                                                                     | 1        |          |          |          |          | 6        |          |          |
| *0812, 0816                                                                                                                                     |          |          |          |          |          |          |          |          |
| *0831, 4208                                                                                                                                     |          | 2        |          |          |          |          |          |          |
| Well No.                                                                                                                                        | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        |

| Length of spec.                                                                                                                                                                                                                                                                                                     | 295 | 215 | 70 | 270 | 255 | 220 | 295 | 215 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----|-----|-----|-----|-----|-----|
| PCR product                                                                                                                                                                                                                                                                                                         |     |     |    |     |     |     |     |     |
| Well No.                                                                                                                                                                                                                                                                                                            | 1   | 2   | 3  | 4   | 5   | 6   | 7   | 8   |
| *130201-1304, 1308Q, 1309, 1314-1316, 1318, 1319, 1504, 1516, 1567, 1595, 9537, 2714, 3537, 3933, 4075, 4447, 4611, 510101-5103, 5105, 5107, 510901-5119, 5122-512402, 5126-5135, 5137-5141N, 5143, 5148-5155, 520101-5212, 5403, 5509, 5522, 5524, 5601, 560501-5608, 5614-5617, 5619N-5622, 5808, 7301, 7801-7805 |     |     |    |     |     |     | 7   |     |
| *1542, 3560, 390601-390602, 3934, 5121, 5401, 5402, 5404, 5405N, 5407, 5408N, 5410-5413, 550101-5503, 5505, 5507, 5510-5513, 5515-5519, 5521, 5523, 5525-5530, 5623, 5901, 5902                                                                                                                                     |     |     |    |     |     |     | 7   |     |
| *1551, 4441                                                                                                                                                                                                                                                                                                         |     |     |    |     |     |     |     |     |
| *1571, 180101-1803, 1805, 1806, 1808-1815, 1817N-1824, 1826-1828, 2718, 2729, 3563, 370101-3708, 3710-3713, 400101-4005, 4009, 4011, 401401-4016, 4018-4020, 4022N-4039, 4042, 4043, 4045-4048, 4050-4052, 4054-4057, 4062-4067, 4069, 4071-4074, 4076-4082, 4084, 4085, 4087, 4088, 4455                           |     |     |    |     |     |     |     | 8   |
| *1583, 5136                                                                                                                                                                                                                                                                                                         |     |     |    |     |     | 6   | 7   |     |
| *3709                                                                                                                                                                                                                                                                                                               |     | 2   |    |     |     |     |     | 8   |
| *40060101-400602, 4044, 4053, 4070, 4083, 4086, 4901-4905, 5001, 5002, 5004                                                                                                                                                                                                                                         |     |     |    |     |     |     | 7   | 8   |
| *4059                                                                                                                                                                                                                                                                                                               |     |     |    | 4   |     |     |     | 8   |
| *4060                                                                                                                                                                                                                                                                                                               |     |     |    | w   |     |     |     | 8   |
| *4415, 4418, 4501-4505, 4507                                                                                                                                                                                                                                                                                        |     |     |    |     |     | 6   | 7   | 8   |
| Well No.                                                                                                                                                                                                                                                                                                            | 1   | 2   | 3  | 4   | 5   | 6   | 7   | 8   |

|                                             |            |            |           |            |            |            |            |            |
|---------------------------------------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| <b>Length of spec.</b>                      | <b>295</b> | <b>215</b> | <b>70</b> | <b>270</b> | <b>255</b> | <b>220</b> | <b>295</b> | <b>215</b> |
| <b>PCR product</b>                          |            |            |           |            |            |            |            |            |
| <b>Well No.</b>                             | <b>1</b>   | <b>2</b>   | <b>3</b>  | <b>4</b>   | <b>5</b>   | <b>6</b>   | <b>7</b>   | <b>8</b>   |
| <b>*4420, 4506, 5108, 5120, 5144N, 5613</b> |            |            |           |            |            | <b>6</b>   | <b>7</b>   |            |
| <b>*5520</b>                                | <b>1</b>   |            |           | <b>4</b>   |            | <b>6</b>   |            |            |
| <b>HLA-B allele</b>                         |            |            |           |            |            |            |            |            |
| <b>Well No.</b>                             | <b>1</b>   | <b>2</b>   | <b>3</b>  | <b>4</b>   | <b>5</b>   | <b>6</b>   | <b>7</b>   | <b>8</b>   |
| <b>Cw*0738</b>                              |            |            |           | <b>w</b>   |            |            |            |            |
| <b>Well No.</b>                             | <b>1</b>   | <b>2</b>   | <b>3</b>  | <b>4</b>   | <b>5</b>   | <b>6</b>   | <b>7</b>   | <b>8</b>   |

| INTERPRETATION TABLE                       |          |          |          |                                                                                                                                                 |
|--------------------------------------------|----------|----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| HLA-B*41 subtyping                         |          |          |          |                                                                                                                                                 |
| Amplification patterns of the B*41 alleles |          |          |          |                                                                                                                                                 |
| Well                                       |          |          |          |                                                                                                                                                 |
| 9                                          | 10       | 11       | 12       |                                                                                                                                                 |
| 105                                        | 110      | 245      | 210      | Length of spec.                                                                                                                                 |
|                                            |          |          |          | PCR product                                                                                                                                     |
| 1070                                       | 800      | 800      | 1070     | Length of int.                                                                                                                                  |
|                                            |          |          |          | pos. control <sup>1</sup>                                                                                                                       |
| 540                                        | 540      | 357      | 369      | 5'-primer <sup>2</sup>                                                                                                                          |
| 5'-gAC3'                                   | 5'-gAC3' | 5'-Tgg3' | 5'-TAC3' |                                                                                                                                                 |
|                                            |          |          |          |                                                                                                                                                 |
| 605                                        | 610      | 559      | 538      | 3'-primer <sup>3</sup>                                                                                                                          |
| 5'gCT3'                                    | 5'CTC3'  | 5'-CgT3' | 5'gTC3'  |                                                                                                                                                 |
| 9                                          | 10       | 11       | 12       | Well No.                                                                                                                                        |
|                                            |          |          |          | HLA-B allele                                                                                                                                    |
|                                            | 10       | 11       |          | *4101                                                                                                                                           |
|                                            | 10       |          | 12       | *4102                                                                                                                                           |
|                                            | 10       |          | 12       | *410301                                                                                                                                         |
|                                            | 10       |          | 12       | *410302                                                                                                                                         |
|                                            | 10       |          | 12       | *4104                                                                                                                                           |
|                                            | 10       | 11       |          | *4105                                                                                                                                           |
|                                            |          | 11       |          | *4106, 4508 <sup>4</sup>                                                                                                                        |
|                                            | 10       | 11       |          | *4107                                                                                                                                           |
| 9                                          | 10       |          | 12       | *4108                                                                                                                                           |
| 9                                          | 10       |          | 12       | *0704, 0725, 420501-420502                                                                                                                      |
|                                            |          |          |          | *0712, 3566, 4817, 5315                                                                                                                         |
|                                            | 10       |          | 12       | *0719, 080101-0805, 0807, 0808N, 0810, 0811, 0814, 0815, 0817-0819N, 0821-0824, 0826-0830N, 0832, 0834-0836, 3587, 4201, 4202, 4206, 4207, 4209 |
|                                            | 10       |          |          | *0833                                                                                                                                           |
|                                            | 10       | 11       |          | *0809, 4204                                                                                                                                     |
|                                            | 10       |          | 12       | *0812, 0816                                                                                                                                     |
|                                            |          |          | 12       | *0831, 4208                                                                                                                                     |
| 9                                          | 10       | 11       | 12       | Well No.                                                                                                                                        |

| 105 | 110 | 245 | 210 | Length of spec.                                                                                                                                                                                                                                                                                                     |
|-----|-----|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |     |     |     | PCR product                                                                                                                                                                                                                                                                                                         |
| 9   | 10  | 11  | 12  | Well No.                                                                                                                                                                                                                                                                                                            |
|     |     |     |     | *130201-1304, 1308Q, 1309, 1314-1316, 1318, 1319, 1504, 1516, 1567, 1595, 9537, 2714, 3537, 3933, 4075, 4447, 4611, 510101-5103, 5105, 5107, 510901-5119, 5122-512402, 5126-5135, 5137-5141N, 5143, 5148-5155, 520101-5212, 5403, 5509, 5522, 5524, 5601, 560501-5608, 5614-5617, 5619N-5622, 5808, 7301, 7801-7805 |
|     |     | 11  |     | *1542, 3560, 390601-390602, 3934, 5121, 5401, 5402, 5404, 5405N, 5407, 5408N, 5410-5413, 550101-5503, 5505, 5507, 5510-5513, 5515-5519, 5521, 5523, 5525-5530, 5623, 5901, 5902                                                                                                                                     |
|     |     |     | 12  | *1551, 4441                                                                                                                                                                                                                                                                                                         |
|     |     |     |     | *1571, 180101-1803, 1805, 1806, 1808-1815, 1817N-1824, 1826-1828, 2718, 2729, 3563, 370101-3708, 3710-3713, 400101-4005, 4009, 4011, 401401-4016, 4018-4020, 4022N-4039, 4042, 4043, 4045-4048, 4050-4052, 4054-4057, 4062-4067, 4069, 4071-4074, 4076-4082, 4084, 4085, 4087, 4088, 4455                           |
|     |     | 11  |     | *1583, 5136                                                                                                                                                                                                                                                                                                         |
|     |     |     | 12  | *3709                                                                                                                                                                                                                                                                                                               |
|     |     |     |     | *40060101-400602, 4044, 4053, 4070, 4083, 4086, 4901-4905, 5001, 5002, 5004                                                                                                                                                                                                                                         |
|     |     |     |     | *4059                                                                                                                                                                                                                                                                                                               |
|     |     |     |     | *4060                                                                                                                                                                                                                                                                                                               |
|     |     |     |     | *4415, 4418, 4501-4505, 4507                                                                                                                                                                                                                                                                                        |
| 9   | 10  | 11  | 12  | Well No.                                                                                                                                                                                                                                                                                                            |

|            |            |            |            |                                                 |
|------------|------------|------------|------------|-------------------------------------------------|
| <b>105</b> | <b>110</b> | <b>245</b> | <b>210</b> | <b>Length of spec.</b>                          |
|            |            |            |            | <b>PCR product</b>                              |
| <b>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  | <b>Well No.</b>                                 |
|            |            |            |            | <b>*4420, 4506, 5108, 5120,<br/>5144N, 5613</b> |
|            | <b>10</b>  | <b>11</b>  |            | <b>*5520</b>                                    |
|            |            |            |            | <b>HLA-B allele</b>                             |
| <b>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  | <b>Well No.</b>                                 |
|            |            |            |            | <b>Cw*0738</b>                                  |
| <b>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  | <b>Well No.</b>                                 |