

| INTERPRETATION TABLE                                     |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
|----------------------------------------------------------|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| HLA-A low resolution SSP typing                          |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| Amplification patterns of the A*01:01 to A*80:02 alleles |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
|                                                          |  | Well <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.                                          |  | 120                 | 210                 | 205                 | 190                 | 160                 | 135                 | 175                 | 165                 | 75                  | 85                  | 80                  | 125                 | 175                 | 100                 | 90                  | 240                 | 140                 | 200                 | 160                 | 220                 | 240                 | 85                  | 75                  | 360                 |
| PCR product(s)                                           |  | 225 145             | 365 255             | 235                 |                     | 535                 | 210 175             | 205                 | 200                 |                     |                     | 500 175             | 185                 | 225                 | 240 200             | 205 135             | 395 370             | 180                 |                     | 200                 | 200                 | 375                 | 240                 | 495                 |                     |
|                                                          |  |                     | 415                 |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| Length of int.                                           |  | 800                 | 800                 | 1070                | 800                 | 800                 | 800                 | 1070                | 800                 | 800                 | 1070                | 1070                | 800                 | 1070                | 1070                | 1070                | 1070                | 1070                | 1070                | 800                 | 800                 | 800                 | 800                 | 800                 | 1070                |
| pos. control <sup>1</sup>                                |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| 5'-primer(s) <sup>2</sup>                                |  | 98                  | 48                  | 363                 | 98                  | 144                 | 176                 | 98                  | 98                  | 266                 | 257                 | 301                 | 103                 | 98                  | 98                  | 203                 | 41                  | 180                 | 98                  | 180                 | 78                  | 28                  | 78                  | 176                 | 341                 |
|                                                          |  | 5'-CTT <sup>3</sup> | 5'-gCT <sup>3</sup> | 5'-ATA <sup>3</sup> | 5'-CTA <sup>3</sup> | 5'-gCC <sup>3</sup> | 5'-gCA <sup>3</sup> | 5'-CTC <sup>3</sup> | 5'-CTA <sup>3</sup> | 5'-ACg <sup>3</sup> | 5'-Cgg <sup>3</sup> | 5'-Cgg <sup>3</sup> | 5'-CCT <sup>3</sup> | 5'-CTT <sup>3</sup> | 5'-CAC <sup>3</sup> | 5'-gAA <sup>3</sup> | 5'-CTT <sup>3</sup> | 5'-TTT <sup>3</sup> | 5'-CAC <sup>3</sup> | 5'-TTT <sup>3</sup> | 5'-TCT <sup>3</sup> | 5'-TCg <sup>3</sup> | 5'-TCT <sup>3</sup> | 5'-gCA <sup>3</sup> | 5'-ggC <sup>3</sup> |
|                                                          |  | 103                 | 78                  |                     | 413                 | 317                 | 368                 | 368                 | 102                 | 266                 | 259                 | 302                 | 423                 | 423                 | 238                 | 362                 | 355                 | 203                 |                     |                     | 106                 | 261                 | 527                 | 261                 |                     |
|                                                          |  | 5'-CCT <sup>3</sup> | 5'-TCT <sup>3</sup> |                     | 5'-CCg <sup>3</sup> | 5'-gCT <sup>3</sup> | 5'-gTT <sup>3</sup> | 5'-gTT <sup>3</sup> | 5'-ACA <sup>3</sup> | 5'-ACg <sup>3</sup> | 5'-CgA <sup>3</sup> | 5'-ggA <sup>3</sup> | 5'-gCT <sup>3</sup> | 5'-gCT <sup>3</sup> | 5'-AgA <sup>3</sup> | 5'-ggT <sup>3</sup> | 5'-CCg <sup>3</sup> | 5'-gAA <sup>3</sup> | 5'-gAA <sup>3</sup> |                     | 5'-CCA <sup>3</sup> | 5'-AAC <sup>3</sup> | 5'-TgC <sup>3</sup> | 5'-AAC <sup>3</sup> |                     |
|                                                          |  | 123                 | 106                 |                     |                     |                     |                     |                     | 413                 | 266                 | 261                 | 385                 |                     |                     | 355                 | 363                 |                     | 418                 |                     |                     | 2 <sup>nd</sup>     |                     |                     | 341                 |                     |
|                                                          |  | 5'-AgT <sup>3</sup> | 5'-CCA <sup>3</sup> |                     |                     |                     |                     |                     | 5'-CCg <sup>3</sup> | 5'-Agg <sup>3</sup> | 5'-AAC <sup>3</sup> | 5'-ggC <sup>3</sup> |                     |                     | 5'-CCg <sup>3</sup> | 5'-ATA <sup>3</sup> |                     | 5'-AgC <sup>3</sup> |                     |                     | 5'-CCT <sup>3</sup> |                     |                     | 5'-ggA <sup>3</sup> |                     |
|                                                          |  | 363                 |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 363                 |                     |                     |                     |                     |                     |                     |                     | 355                 |                     |
|                                                          |  | 5'-ATA <sup>3</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 5'-ATA <sup>3</sup> |                     |                     |                     |                     |                     |                     | 5'-CCC <sup>3</sup> |                     |                     |
|                                                          |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 369                 |                     |                     |                     |                     |                     |                     |                     |                     |                     |
|                                                          |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 5'-TAC <sup>3</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| 3'-primer(s) <sup>3</sup>                                |  | 203                 | 240                 | 527                 | 256                 | 265                 | 270                 | 259                 | 259                 | 302                 | 299                 | 341                 | 257                 | 282                 | 257                 | 299                 | 238                 | 290                 | 256                 | 299                 | 265                 | 97                  | 265                 | 292                 | 418                 |
|                                                          |  | 5'-TCT <sup>3</sup> | 5'-ggA <sup>3</sup> | 5'-CCA <sup>3</sup> | 5'-CTg <sup>3</sup> | 5'-CCC <sup>3</sup> | 5'-ACA <sup>3</sup> | 5'-gTT <sup>3</sup> | 5'-gTT <sup>3</sup> | 5'-ggC <sup>3</sup> | 5'-TCg <sup>3</sup> | 5'-CgT <sup>3</sup> | 5'-gCA <sup>3</sup> | 5'-gAC <sup>3</sup> | 5'-gCA <sup>3</sup> | 5'-CCA <sup>3</sup> | 5'-CCT <sup>3</sup> | 5'-CAA <sup>3</sup> | 5'-CCC <sup>3</sup> | 5'-CCA <sup>3</sup> | 5'-CCC <sup>3</sup> | 5'-ggT <sup>3</sup> | 5'-CCC <sup>3</sup> | 5'-gtg <sup>3</sup> | 5'-gTC <sup>3</sup> |
|                                                          |  | 545                 | 292                 | 527                 | 559                 | 570                 | 502                 | 502                 | 259                 |                     |                     | 521                 | 506                 | 282                 | 299                 | 411                 | 243                 | 317                 | 256                 | 299                 | 282                 | 355                 | 282                 | 292                 |                     |
|                                                          |  | 5'-AgA <sup>3</sup> | 5'-gTg <sup>3</sup> | 5'-CCT <sup>3</sup> | 5'-CCg <sup>3</sup> | 5'-CCg <sup>3</sup> | 5'-CTg <sup>3</sup> | 5'-CTT <sup>3</sup> | 5'-gTT <sup>3</sup> |                     |                     | 5'-ggg <sup>3</sup> | 5'-TgT <sup>3</sup> | 5'-gAC <sup>3</sup> | 5'-TCg <sup>3</sup> | 5'-TCA <sup>3</sup> | 5'-TCA <sup>3</sup> | 5'-ggA <sup>3</sup> | 5'-CTC <sup>3</sup> | 5'-CCA <sup>3</sup> | 5'-gAC <sup>3</sup> | 5'-gAC <sup>3</sup> | 5'-gAC <sup>3</sup> | 5'-gTT <sup>3</sup> |                     |
|                                                          |  |                     |                     | 555                 |                     |                     | 538                 | 539                 | 538                 |                     |                     |                     | 559                 | 559                 | 418                 | 526                 | 265                 | 555                 | 259                 | 341                 | 282                 |                     |                     |                     |                     |
|                                                          |  |                     | 5'-gCA <sup>3</sup> |                     |                     |                     | 5'-Cag <sup>3</sup> | 5'-TCT <sup>3</sup> | 5'-CCA <sup>3</sup> |                     |                     |                     | 5'-CTC <sup>3</sup> | 5'-CCg <sup>3</sup> | 5'-gTC <sup>3</sup> | 5'-CCA <sup>3</sup> | 5'-CCC <sup>3</sup> | 5'-CCA <sup>3</sup> | 5'-gTT <sup>3</sup> | 5'-CgT <sup>3</sup> | 5'-gAC <sup>3</sup> |                     |                     |                     |                     |
|                                                          |  | 555                 |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 559                 | 559                 | 555                 |                     | 555                 |                     |                     |                     | 502                 |                     |                     |                     |                     |
|                                                          |  | 5'-CCA <sup>3</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 5'-CgT <sup>3</sup> |                     | 5'-CCA <sup>3</sup> |                     | 5'-CCA <sup>3</sup> |                     |                     |                     | 5'-CTT <sup>3</sup> |                     |                     |                     |                     |
|                                                          |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     | 506                 |                     |                     |                     |                     |
|                                                          |  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| Well 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                  |

| Well 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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| HLA-A allele <sup>4</sup>                                                                                                                                                                                                                                                                                                                                                                         | ser <sup>5</sup>                                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:01:01:01-01:01:22,<br>01:01:24-01:04N, 01:06-<br>01:07, 01:09-01:11N, 01:16N-<br>01:18N, 01:20, 01:22N-<br>01:27N, 01:29, 01:31N-01:33,<br>01:35-01:50, 01:52N-01:78,<br>01:80-01:82, 01:84-01:94,<br>01:96-01:98, 01:100-01:101                                                                                                                                                              | A1,<br>Null, –                                      | 1 |   |   | 4 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:01:23, 01:08, 01:14-<br>01:15N, 01:30, 01:79, 01:99                                                                                                                                                                                                                                                                                                                                           | A1,<br>Null, –                                      | 1 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:12, 01:19                                                                                                                                                                                                                                                                                                                                                                                     | A1, –                                               | 1 |   | 3 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:13                                                                                                                                                                                                                                                                                                                                                                                            | A1                                                  | 1 |   |   | 4 |   |   |   |   |   |    | 11 |    | 13 |    | 15 |    |    |    |    |    |    |    |    |    |
| *01:21                                                                                                                                                                                                                                                                                                                                                                                            | A1                                                  | 1 |   | 3 | 4 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:28                                                                                                                                                                                                                                                                                                                                                                                            | –                                                   | 1 |   |   | 4 |   |   |   |   |   |    | 11 |    |    |    | 15 |    |    |    |    |    |    |    |    |    |
| *01:51                                                                                                                                                                                                                                                                                                                                                                                            | –                                                   | 1 |   |   | 4 |   |   |   | 8 |   | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:83                                                                                                                                                                                                                                                                                                                                                                                            | –                                                   | 1 |   |   | 4 |   |   |   |   |   | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *01:95                                                                                                                                                                                                                                                                                                                                                                                            | –                                                   | 1 |   |   | 4 | 5 |   |   |   |   |    |    |    |    |    |    |    | 17 |    |    |    |    |    |    |    |
| *02:01:01:01-02:01:15,<br>02:01:17-02:01:19, 02:01:21-<br>02:16, 02:18-02:22:02,<br>02:24:01-02:33, 02:36-02:45,<br>02:47, 02:49-02:54, 02:57-<br>02:61, 02:63-02:69, 02:71-<br>02:77, 02:79:01-02:97:02,<br>02:99, 02:101:01-02:102,<br>02:104-02:128, 02:130-<br>02:134, 02:136-02:145,<br>02:147-02:168, 02:170-<br>02:236, 02:238-02:242,<br>02:244-02:308, 02:310-<br>02:322, 02:325, 02:326 | A2,<br>A19,<br>Low A2,<br>A203,<br>A210,<br>Null, – |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *02:17:01-02:17:02                                                                                                                                                                                                                                                                                                                                                                                | A2                                                  |   |   | 2 |   |   |   | w |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *02:34-02:35:01, 02:35:03,<br>02:56:01-02:56:02, 02:62,<br>02:103                                                                                                                                                                                                                                                                                                                                 | A2                                                  |   |   | 2 |   |   |   |   |   |   |    |    |    | 13 |    |    |    |    |    |    | 20 |    | 22 |    |    |
| *02:35:02                                                                                                                                                                                                                                                                                                                                                                                         | A2                                                  |   |   |   |   |   |   |   |   |   |    |    |    | 13 |    |    |    |    |    |    | 20 |    | 22 |    |    |
| *02:46, 02:70                                                                                                                                                                                                                                                                                                                                                                                     | A2                                                  |   |   | 2 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 20 |    | 22 |    |    |
| *02:48, 02:129                                                                                                                                                                                                                                                                                                                                                                                    | A2, –                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 20 |    | 22 |    |    |
| *02:55                                                                                                                                                                                                                                                                                                                                                                                            | A2, A28                                             |   |   | 2 |   |   |   |   | 8 |   |    |    |    |    |    |    |    |    |    |    |    |    | 21 |    | 23 |
| *02:78                                                                                                                                                                                                                                                                                                                                                                                            | –                                                   |   |   | w |   | 4 |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 20 |    | 22 |    |    |
| *02:135                                                                                                                                                                                                                                                                                                                                                                                           | –                                                   |   |   | 2 |   |   |   |   |   |   |    |    |    | 13 |    |    |    |    |    |    |    |    |    |    | 24 |
| *02:146                                                                                                                                                                                                                                                                                                                                                                                           | –                                                   |   |   | 2 |   |   |   |   |   |   |    | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *02:169                                                                                                                                                                                                                                                                                                                                                                                           | –                                                   |   |   | 2 |   | 4 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *02:237                                                                                                                                                                                                                                                                                                                                                                                           | –                                                   |   |   | 2 |   |   |   |   |   |   |    |    |    |    | 14 |    | 16 |    |    |    |    |    |    |    |    |
| *02:243                                                                                                                                                                                                                                                                                                                                                                                           | –                                                   |   |   | 2 |   |   |   |   |   |   |    |    |    |    |    |    |    |    | 18 |    |    |    | 21 |    |    |
| *02:309                                                                                                                                                                                                                                                                                                                                                                                           | –                                                   |   |   | 2 |   |   |   |   |   |   |    |    | 12 |    | 14 |    |    |    |    |    |    |    |    |    | 24 |
| Well 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 |
| Well 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 |
| HLA-A allele <sup>4</sup>                                                                                                                                                                                                                                                                                                                                                                         | ser <sup>5</sup>                                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

[illegible]



|                                                                                                                         |                   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| *31:35                                                                                                                  | —                 |   |   |   |   |   |   |   |   |    |    |    |    |    | 15 | 16 | 17 |    |    |    |    |    |    |    |    |
| *32:01:01-32:02, 32:06-32:12, 32:14, 32:16-32:36                                                                        | A32, Null, —      |   |   |   |   |   |   |   |   | 9  |    |    |    |    |    |    | 17 |    |    |    |    |    |    |    |    |
| *32:03                                                                                                                  | A32               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    | 17 |    |    |    |    |    |    |    |    |
| *32:04                                                                                                                  | A32, A3           |   | 3 |   |   |   |   |   |   | 9  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *32:05                                                                                                                  | A32               |   |   |   |   | 5 |   |   |   |    |    |    |    |    |    | 16 | 17 |    |    |    |    |    |    |    |    |
| *32:13                                                                                                                  | A32               |   |   |   |   | 5 |   |   |   | 9  |    |    |    |    |    |    | 17 |    |    |    |    |    |    |    |    |
| *32:15                                                                                                                  | A32               |   |   |   |   |   |   | 8 |   | 9  |    |    |    |    |    |    | 17 |    |    |    |    |    |    |    |    |
| *33:01:01-33:01:06, 33:03:01-33:12, 33:14-33:18, 33:20-33:21, 33:23, 33:25-33:47, 33:50                                 | A33, —            |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    | 18 |    |    |    |    |    |    |    |    |
| *33:13, 33:48                                                                                                           | —                 |   |   |   |   |   |   |   |   | 10 |    |    |    |    | 14 |    | 18 |    |    |    |    |    |    |    |    |
| *33:19                                                                                                                  | —                 |   |   |   |   | 7 |   |   |   |    |    |    |    |    |    |    | 18 |    |    |    |    |    |    |    |    |
| *33:22                                                                                                                  | —                 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    | 18 |    | 21 |    |    |    |    |    |    |
| *33:24                                                                                                                  | —                 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    | 18 |    |    |    | 23 |    |    |    |    |
| *33:49                                                                                                                  | —                 |   | w |   |   |   |   |   |   |    |    |    |    |    |    |    | 18 |    |    |    |    |    |    |    |    |
| *33:51                                                                                                                  | —                 |   |   |   |   |   |   | 8 |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *34:01:01-34:01:02, 34:05-34:06                                                                                         | A34, A10          |   |   |   |   |   |   | 8 |   |    | 11 | 12 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *34:02:01, 34:03, 34:07                                                                                                 | A34               |   | 3 |   |   |   |   | 8 |   |    | 11 | 12 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *34:02:02                                                                                                               | —                 |   | w |   |   |   |   | 8 |   |    | 11 | 12 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *34:04                                                                                                                  | A34               |   | 3 |   |   |   |   | 8 |   |    | 11 | 12 |    | 14 |    |    |    |    |    |    |    |    |    |    |    |
| *34:08                                                                                                                  | A34               |   | 3 |   |   |   |   | 8 |   |    | 11 | 12 | 13 |    |    |    |    |    |    |    |    |    |    |    |    |
| *34:09                                                                                                                  | —                 |   | 3 |   |   |   |   | 8 |   |    |    | 12 |    |    |    |    |    |    |    |    |    |    |    | 24 |    |
| *36:01, 36:03, 36:05                                                                                                    | A36, —            | 1 |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    | 22 |    |    |    |    |
| *36:02                                                                                                                  | A36               | 1 | 3 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    | 22 | 23 |    |    |    |
| *36:04                                                                                                                  | A36               | 1 |   | 4 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    | 22 |    |    |    |    |
| *43:01                                                                                                                  | A43               |   |   |   |   |   |   |   |   |    | 12 | 13 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *66:01, 66:04-66:08, 66:10-66:11, 66:13-66:15                                                                           | A66, A26, —       |   |   |   |   |   |   | 8 |   |    | 11 |    | 13 |    |    |    |    |    |    |    |    |    |    |    |    |
| *66:02-66:03, 66:16                                                                                                     | A66, A10, —       |   |   |   |   |   |   | 8 |   |    |    | 12 |    |    |    |    |    |    |    |    |    |    | 24 |    |    |
| *66:09                                                                                                                  | —                 |   |   |   |   |   |   | 8 |   |    | 11 |    | 13 | 14 |    |    |    |    | 21 |    |    |    |    |    |    |
| *66:12                                                                                                                  | —                 |   |   |   |   |   |   | 8 |   |    |    |    | 13 |    |    |    |    |    |    |    |    |    | 24 |    |    |
| *68:01:01:01-68:04, 68:06-68:12, 68:14, 68:16-68:19, 68:21:01-68:28, 68:31-68:44, 68:46-68:65, 68:67-68:70, 68:72-68:83 | A68, A28, Null, — |   |   |   |   |   |   | 8 |   |    |    |    |    |    |    |    |    | 20 |    |    |    |    |    |    |    |
| *68:05, 68:15, 68:20                                                                                                    | A68               |   | w |   |   |   |   | 8 |   |    |    |    |    |    |    |    |    | 20 |    |    | 23 |    |    |    |    |
| *68:13, 68:66                                                                                                           | A68               |   |   | 4 |   |   |   | 8 |   |    |    |    |    |    |    |    |    | 20 |    |    |    |    |    |    |    |
| *68:29                                                                                                                  | A68               |   |   |   |   |   |   | 8 |   |    |    |    |    |    |    |    | 18 | 20 | 21 |    |    |    |    |    |    |
| *68:30                                                                                                                  | A68               |   | w |   |   |   |   | 8 |   |    |    |    |    |    |    |    |    | 20 |    |    |    |    |    |    |    |
| *68:45                                                                                                                  | —                 |   |   |   |   | 7 | 8 |   |   |    |    |    |    |    |    |    |    | 20 |    |    |    |    |    |    |    |
| *68:71                                                                                                                  | —                 |   |   |   |   |   |   | 8 |   |    |    |    |    | 13 |    |    |    | 20 |    |    |    |    |    |    |    |
| Well 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 |
| Well 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 |
| HLA-A allele <sup>4</sup>                                                                                               | ser <sup>5</sup>  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| *69:01                                                                                                                  | A69               |   |   |   |   |   |   | 8 |   |    |    |    |    |    |    |    |    |    |    |    | 21 |    |    |    |    |
| *74:01-74:06, 74:08-74:12N, 74:14N-74:15                                                                                | A74, Null, —      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    | 19 |    |    |    |    |    |    |
| *74:07                                                                                                                  | A74               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    | 17 | 19 |    |    |    |    |    |    |
| *74:13                                                                                                                  | —                 |   |   |   |   |   |   |   |   |    |    |    | 13 |    |    |    |    |    | 19 |    |    |    |    |    |    |
| *80:01                                                                                                                  | A80               |   |   |   |   | 6 |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 |    |    |
| *80:02                                                                                                                  | —                 |   |   |   |   | 6 |   |   |   |    | 11 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

|          |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |
|----------|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|
| B*18:27  |  |   |   |   |   | 6 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |
| Well 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 |  |  |  |  |