

# INTERPRETATION TABLE

## HLA-B\*58 SSP subtyping

Amplification patterns of the B\*58:01 to B\*58:39N alleles

|  | Well <sup>9</sup>    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| Length of spec.<br>PCR product(s)                | 90                   | 150                  | 240                  | 190<br>230           | 90                   | 170                  | 80                   | 250                  | 160                  | 115<br>270           | 205                  | 235                  |
| Length of int.<br>pos. control <sup>1</sup>      | 800                  | 800                  | 800                  | 1070                 | 1070                 | 1070                 | 800                  | 1070                 | 800                  | 800                  | 1070                 | 1070                 |
| 5'-primer(s) <sup>2</sup>                        | 5'-ggA <sup>3'</sup> | 5'-TCA <sup>3'</sup> | 5'-AgT <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-TgA <sup>3'</sup> | 5'-TgA <sup>3'</sup> | 5'-ACC <sup>3'</sup> | 5'-AgT <sup>3'</sup> | 5'-ATT <sup>3'</sup> | 5'-TCA <sup>3'</sup> | 5'-AgT <sup>3'</sup> | 5'-T.T <sup>3'</sup> |
| 3'-primer(s) <sup>3</sup>                        | 5'-CCC <sup>3'</sup> | 5'-gCT <sup>3'</sup> | 5'-CAG <sup>3'</sup> | 5'-CTC <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-TAT <sup>3'</sup> | 5'-CCT <sup>3'</sup> | 5'-gCg <sup>3'</sup> | 5'-CCC <sup>3'</sup> | 5'-gCg <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-CAG <sup>3'</sup> |
| Well No.   | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| HLA-B allele <sup>4,5</sup>                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *58:01:01-58:01:09, 58:01:12, 58:32-58:35, 58:37 | 1                    | 2                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *58:01:10-58:01:11                               | 1                    | 2                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| *58:02, 58:38                                    | 1                    |                      | 3                    |                      |                      |                      |                      |                      |                      |                      | 11                   |                      |
| *58:04   |                      | 2                    |                      | 4                    |                      |                      |                      |                      |                      |                      |                      |                      |
| *58:05   | 1                    | 2                    |                      |                      | 5                    |                      |                      |                      |                      |                      |                      |                      |
| *58:06   | 1                    |                      | 3                    |                      |                      | 6                    | 7                    |                      |                      |                      |                      |                      |
| *58:07   | 1                    |                      | 3                    |                      |                      |                      |                      | 8                    |                      |                      | 11                   |                      |
| *58:08:01  | 1                    |                      |                      |                      |                      | 6                    | 7                    |                      | 9                    |                      |                      |                      |
| *58:08:02  | 1                    |                      |                      |                      |                      | 6                    | 7                    |                      |                      |                      |                      |                      |
| *58:09, 58:24 <sup>6</sup>                       | 1                    | 2                    |                      |                      |                      |                      |                      |                      |                      | 10                   |                      |                      |
| *58:10N  | 1                    | 2                    |                      |                      |                      |                      |                      |                      |                      |                      |                      | 12                   |
| *58:11   | 1                    | 2                    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Well No.   | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| Length of spec.<br>PCR product(s)                | 90                   | 150                  | 240                  | 190<br>230           | 90                   | 170                  | 80                   | 250                  | 160                  | 115<br>270           | 205                  | 235                  |



|   |           |            |            |            |           |            |           |            |            |            |            |            |  |
|---|-----------|------------|------------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|--|
| 15:113, 15:115-15:120, 15:122, 15:125, 15:127-15:129,<br>15:131-15:135, 15:137-15:138, 15:140-15:143, 15:146-<br>15:150, 15:152-15:153, 15:156-15:161, 15:163-15:164,<br>15:166-15:169, 15:171-15:175, 15:177-15:178, 15:180-<br>15:184, 15:187, 15:189-15:193, 15:195-15:199, 15:201-<br>15:203, 15:205-15:206, 15:208-15:212, 15:215-15:217,<br>15:219-15:221, 15:225-15:227, 15:229-15:234, 15:236,<br>15:238-15:239, 15:241-15:249, 15:251-15:264, 18:19,<br>18:21, 18:30, 18:57, 27:04:01-27:04:03, 27:06, 27:10,<br>27:15, 27:18, 27:20-27:21, 27:25, 27:40, 27:54, 27:63,<br>27:66N, 27:68-27:69, 27:79, 27:86, 27:91-27:92,<br>35:43:01, 35:79, 35:185, 37:07, 39:18, 39:36, 40:23,<br>40:26, 40:32, 40:51, 40:98, 40:148, 40:158, 40:161,<br>40:183, 40:198, 46:01:01-46:05, 46:07N-46:08, 46:10,<br>46:14-46:17, 46:20, 46:22-46:24, 46:26-46:32, 46:34-<br>46:36, 46:38, 48:08, 49:01:02, 49:22, 50:01:03, 54:06,<br>55:21, 55:56, 56:03 |           |            |            |            |           | 6          |           |            |            |            |            |            |  |
| *07:02:35, 07:68:02, 14:03, 14:12, 54:20, 55:09, 55:52  |           |            |            |            |           | 6          | w         |            |            |            |            |            |  |
| *07:05:01-07:06, 07:32, 07:34, 07:40, 07:53, 07:69,<br>07:80, 07:90, 07:97, 07:105, 07:112, 07:123, 07:138,<br>07:140, 07:176, 08:20, 08:53:01-08:53:02, 08:79, 27:24,<br>40:05, 40:15-40:16, 40:174, 48:05, 48:15  |           |            |            |            |           | 6          |           |            |            |            |            |            |  |
| *07:09, 07:11, 07:17, 15:07:01-15:07:02, 15:68, 15:126,<br>15:207, 46:12  |           |            |            |            |           | 6          |           |            |            |            |            |            |  |
| *07:12, 07:14, 07:18:01-07:18:02, 07:162-07:163   |           |            |            |            |           | 6          |           |            |            |            |            |            |  |
| <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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |  |
| <b>Length of spec.</b>  | <b>90</b> | <b>150</b> | <b>240</b> | <b>190</b> | <b>90</b> | <b>170</b> | <b>80</b> | <b>250</b> | <b>160</b> | <b>115</b> | <b>205</b> | <b>235</b> |  |
| <b>PCR product(s)</b>   |           |            |            | <b>230</b> |           |            |           |            |            | <b>270</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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |  |

|  |           |            |            |            |           |            |           |            |            |            |            |            |
|--|-----------|------------|------------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|
| *07:25, 07:48, 07:51, 07:155, 07:164, 08:07, 08:09, 08:12:01-08:12:03, 08:14, 08:16, 08:30N, 08:69, 08:84, 08:87, 08:89, 13:02:01-13:04, 13:08Q-13:11, 13:14-13:15, 13:18-13:19, 13:27, 13:30, 13:32-13:35, 13:37-13:38, 13:40-13:42, 13:44-13:47, 13:49N, 13:53-13:56N, 13:58-13:59, 15:05:01-15:05:02, 15:31, 15:48, 15:51-15:52, 15:75, 15:83-15:84, 15:86, 15:91, 15:105, 15:107, 15:111N, 15:114, 15:123, 15:136, 15:145, 15:151, 15:155, 15:162, 15:176, 15:179, 15:185-15:186, 15:188, 15:200, 15:218Q, 15:222, 15:224, 15:235, 15:237, 18:01:01:01-18:13, 18:17N-18:18, 18:20, 18:23N-18:29, 18:31-18:43, 18:45-18:50, 18:52-18:56, 18:58-18:68, 18:70-18:83, 27:01-27:03, 27:05:02-27:05:20, 27:08-27:09, 27:12-27:14, 27:16-27:17, 27:23, 27:26-27:29, 27:31-27:32, 27:34-27:39, 27:41-27:42, 27:44-27:53, 27:55-27:62, 27:64N-27:65N, 27:67, 27:70-27:78, 27:80-27:85, 27:87-27:90:02, 27:93-27:99, 35:60, 37:01:08, 37:02, 37:09, 38:01:01-38:09, 38:11-38:19, 38:21-38:31, 38:33-38:42, 39:01:01:01-39:01:01:03, 39:01:03-39:13:02, 39:15-39:17, 39:19:01-39:20, 39:22-39:34, 39:37-39:41, 39:43-39:45, 39:47-39:79, 40:01:01-40:01:29, 40:02:16, 40:06:01:01-40:07, 40:09-40:12, 40:14:01-40:14:03, 40:18, 40:20-40:22N, 40:24-40:25, 40:27:01-40:27:02, 40:31, 40:33, 40:36, 40:38, 40:42-40:44, 40:46-40:49, 40:52-40:55, 40:59-40:63, 40:65-40:67, 40:69-40:76, 40:79, 40:81, 40:83-40:84, 40:86, 40:88, 40:92-40:93, 40:96, 40:100-40:103, 40:106, 40:108-40:110. 40:112-40:114. 40:116-40:118N. 40:120-40:138-40:141, 40:146-40:147, 40:149-40:156, 40:159, 40:162-40:163, 40:165-40:168, 40:170-40:172, 40:175, 40:177-40:180, 40:182, 40:184-40:188, 40:190-40:197, 40:199, 40:204, 40:207-40:208, 40:210, 40:212-40:213, 40:215-40:218, 40:221, 40:223, 40:225, 41:01, 41:03:01-41:09, 41:12, 41:14, 41:16-41:18, 41:20-41:22, 41:25, 42:04, 42:06, 42:16, 44:15, 44:18, 44:20, 44:31, 44:41:01-44:41:02, 44:47, 44:53-44:54, 44:65, 44:99-44:100, 44:106, 44:135, 44:158, 45:01-45:14, 46:06, 46:09, 46:11, 46:13:01-46:13:03, 46:18-46:19, 46:21:01-46:21:02, 46:25, 47:01:01:01-47:08, 48:03:01-48:03:02, 48:07, 48:17, 48:21, 48:23, 49:11, 54:01:01-54:05N, 54:07-54:19, 54:21-54:28, 55:02:01-55:02:06, 55:07-55:08, 55:10, 55:12-55:13, 55:16, 55:18-55:20, 55:22-55:23, 55:26-55:27, 55:30, 55:32, 55:34-55:35, 55:37, 55:39, 55:41-55:43, 55:46-55:48, 55:50, 55:57, 56:01:01-56:02, 56:04, 56:07-56:08, 56:10, 56:13-56:20:02, 56:22-56:24, 56:26-56:31, 56:33-56:35, 56:38N, 59:01:01:01-59:05, 67:01:01-67:03, 82:01-82:03 |           |            |            |            |           |            |           |            |            |            |            |            |
| <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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |
| <b>Length of spec.</b>   | <b>90</b> | <b>150</b> | <b>240</b> | <b>190</b> | <b>90</b> | <b>170</b> | <b>80</b> | <b>250</b> | <b>160</b> | <b>115</b> | <b>205</b> | <b>235</b> |
| <b>PCR product(s)</b>  |           |            |            | <b>230</b> |           |            |           |            |            | <b>270</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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |
| *07:58, 15:102   |           |            |            |            |           | <b>6</b>   |           |            |            |            |            |            |
| *07:137  |           |            |            |            |           | <b>6</b>   |           |            |            |            |            |            |

|   |           |            |            |            |           |            |           |            |            |            |            |            |
|---|-----------|------------|------------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|
| *08:01:01-08:05, 08:08N, 08:10-08:11, 08:13, 08:15, 08:17-08:19N, 08:21-08:27, 08:29, 08:31-08:34, 08:36, 08:38-08:48, 08:50-08:52, 08:54-08:68, 08:70-08:78, 08:80-08:83, 08:85-08:86N, 08:88, 08:90-08:105, 13:21, 27:07:01-27:07:03, 27:11, 27:33, 27:43, 35:31, 35:87, 37:12, 39:14, 40:02:01-40:02:15, 40:02:17, 40:04, 40:08, 40:13, 40:19, 40:29-40:30, 40:34-40:35, 40:37, 40:39-40:40, 40:45, 40:50, 40:56-40:58, 40:64, 40:68, 40:78, 40:80, 40:82, 40:85, 40:89-40:91, 40:94, 40:97, 40:99, 40:104, 40:107, 40:111, 40:115, 40:119, 40:122, 40:129, 40:133Q, 40:137, 40:142N-40:145, 40:157, 40:160:01-40:160:02, 40:164, 40:169, 40:173, 40:176, 40:181, 40:189, 40:200-40:203, 40:205-40:206, 40:209, 40:211, 40:214, 40:219-40:220, 40:224, 40:226, 41:02:01-41:02:04, 41:10-41:11, 41:13, 41:15, 41:19, 41:23, 42:01:01-42:02, 42:05:01-42:05:02, 42:07-42:08, 42:10-42:15, 42:17, 48:01:01-48:01:03, 48:04, 48:06, 48:09-48:13, 48:16, 48:18-48:20, 48:22, 48:24, 48:27-48:28, 55:04, 55:49, 55:51, 81:01-81:02, 81:04N-81:06 |           |            |            |            |           |            |           |            |            |            |            |            |
| *08:28, 08:35, 08:37, 15:55, 18:14, 40:03, 40:105, 41:24, 42:09   |           |            |            |            |           |            |           |            |            |            |            |            |
| *08:49, 13:01:01-13:01:06, 13:06-13:07N, 13:12, 13:17, 13:22:01-13:23, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 13:43, 13:50-13:52, 13:57, 13:60, 13:63N, 15:88, 15:250, 27:19, 27:30, 35:57, 37:01:01-37:01:07, 37:01:09, 37:03N, 37:05-37:06, 37:08, 37:10-37:11, 37:14-37:37, 38:20, 39:42, 44:02:01:01-44:03:19, 44:05:01-44:14, 44:16-44:17, 44:19N, 44:21-44:27:02, 44:29-44:30, 44:32-44:40, 44:42-44:46, 44:48-44:52N, 44:55, 44:57-44:61N, 44:63-44:64:02, 44:67-44:75, 44:78, 44:80-44:81, 44:83-44:98, 44:101-44:105, 44:107-44:117, 44:119-44:134, 44:136-44:137, 44:139-44:145, 44:147-44:149N, 44:151-44:157, 44:159-44:165, 46:33, 51:42, 56:09, 56:11, 57:16, 57:20, 57:36, 57:45, 57:51   | 2         |            |            |            |           |            |           |            |            |            |            |            |
| *13:13, 44:62, 44:77, 44:82, 56:12  | 2         |            |            |            |           |            |           |            |            |            |            |            |
| <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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |
| <b>Length of spec.</b>  | <b>90</b> | <b>150</b> | <b>240</b> | <b>190</b> | <b>90</b> | <b>170</b> | <b>80</b> | <b>250</b> | <b>160</b> | <b>115</b> | <b>205</b> | <b>235</b> |
| <b>PCR product(s)</b>   |           |            |            | <b>230</b> |           |            |           |            |            | <b>270</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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |
| *13:16, 13:48, 13:62, 14:01:01-14:02:06, 14:04-14:09, 14:11, 14:14-14:18, 14:20-14:26, 14:28-14:33, 15:03:02, 15:39:02, 15:42, 18:15, 38:10, 38:32, 39:35, 40:95, 49:01:01, 49:01:03-49:05, 49:07-49:10, 49:12-49:21, 49:23-49:25, 50:01:01-50:01:02, 50:02, 50:04-50:16, 50:18-50:19, 52:07, 55:01:01-55:01:10, 55:03, 55:05, 55:11, 55:15, 55:17, 55:24-55:25, 55:28-55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:44-55:45, 55:53, 55:55N, 56:06, 56:25, 56:32, 56:37   |           |            |            |            |           | <b>6</b>   | <b>7</b>  |            |            |            |            |            |

|  |           |            |            |            |            |            |           |            |            |            |            |            |
|--|-----------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| *13:20, 15:13:02, 44:79, 48:25, 50:17, 55:14   | <b>2</b>  |            |            |            | <b>6 7</b> |            |           |            |            |            |            |            |
| *13:61, 35:01:28, 44:66, 44:118, C*03:102  | <b>2</b>  |            |            |            |            |            |           |            |            |            |            |            |
| *14:10   | <b>2</b>  |            |            |            | <b>6 7</b> |            |           |            | <b>10</b>  |            |            |            |
| *14:13   |           |            |            |            | <b>6 7</b> |            |           |            |            |            |            |            |
| *14:19, 14:27  | <b>3</b>  |            |            |            | <b>6 7</b> |            |           |            |            |            |            |            |
| *15:02:01-15:02:06, 15:13:01, 15:21, 15:25:01-15:25:03, 15:36, 15:44, 15:62, 15:77, 15:80, 15:85, 15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 15:194, 15:204, 15:213-15:214, 15:223, 15:240, 37:13, 44:146  | <b>2</b>  |            |            |            | <b>6</b>   |            |           |            |            |            |            |            |
| *15:20, 35:01:01:01-35:01:27, 35:01:29-35:01:36, 35:03:01-35:03:12, 35:06-35:07, 35:10, 35:13, 35:15-35:17, 35:19-35:20:02, 35:23, 35:25-35:30, 35:33-35:34, 35:36, 35:38-35:42:02, 35:47-35:50, 35:52, 35:54-35:56, 35:59, 35:62-35:63, 35:65Q, 35:69, 35:71, 35:74, 35:76-35:78, 35:82, 35:84-35:85, 35:90-35:94, 35:101:01-35:101:02, 35:103-35:104, 35:106-35:108:02, 35:110-35:113, 35:115-35:116, 35:120-35:126, 35:128, 35:130N-35:134N, 35:136-35:141, 35:143-35:148, 35:150, 35:152-35:153, 35:155, 35:159-35:161, 35:163, 35:165N-35:166, 35:168-35:171, 35:173N, 35:175, 35:177-35:181, 35:186, 35:189, 35:191, 35:193-35:198, 35:200, 35:202-35:204, 35:207, 35:209-35:210, 35:212, 35:214-35:219, 48:02:01, 53:01:01-53:01:07, 53:03-53:05, 53:07, 53:09-53:10, 53:12-53:13, 53:15, 53:17:01-53:18, 53:20-53:23, 53:25-53:27, 53:29 | <b>2</b>  |            |            |            |            |            |           |            |            |            |            |            |
| *15:124, 40:77, 40:87:01-40:87:02, 40:222, 48:26   |           |            |            |            | <b>5</b>   |            |           |            |            |            |            |            |
| *15:228, 35:44, 35:67, 35:86, 35:99, 35:102, 35:117-35:118, 35:135, 51:01:25, 51:01:37, 51:02:05, 51:24:02-51:24:03, 51:36, 51:61:01-51:61:02, 51:71-51:72, 51:87, 51:91, 51:126, 52:01:07, 52:01:15, 52:21  |           |            |            |            | <b>6</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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |
| <b>Length of spec.</b>   | <b>90</b> | <b>150</b> | <b>240</b> | <b>190</b> | <b>90</b>  | <b>170</b> | <b>80</b> | <b>250</b> | <b>160</b> | <b>115</b> | <b>205</b> | <b>235</b> |
| <b>PCR product(s)</b>  |           |            |            | <b>230</b> |            |            |           |            |            | <b>270</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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |
| *18:22, 18:69, 37:04:01-37:04:02   |           | <b>2</b>   |            |            |            |            |           |            |            | <b>10</b>  |            |            |
| *18:44:01-18:44:02   |           |            |            |            |            |            |           |            |            |            | <b>11</b>  |            |
| *18:51   |           |            |            |            |            |            |           |            |            |            |            |            |
| *35:02:01-35:02:05, 35:04:01-35:04:03, 35:12:01-35:12:03, 35:83, 35:95, 35:129N, 35:149, 35:154, 35:162, 35:182-35:184, 35:201, 35:211, 35:220, 53:19  |           | <b>2</b>   |            |            |            |            |           |            |            |            |            |            |
| *35:05:01-35:05:03, 35:51, 35:66, 35:72, 35:89, 35:97, 35:114, 53:14   |           |            |            |            |            |            |           |            |            |            |            |            |
| *35:08:01-35:08:06, 35:45, 35:61:01-35:61:02, 35:80, 35:100, 35:105, 35:142, 35:156, 35:158, 35:164, 35:176, 35:187, 35:192, 35:206, 53:11, 53:16, 53:24   |           | <b>2</b>   |            |            |            |            |           |            |            |            |            |            |
| *35:09:01-35:09:03, 35:22, 35:88, 51:81, 51:148, 81:03   |           |            |            |            |            |            |           |            |            |            |            |            |
| *35:11:01, 35:167, 53:08:01  |           | <b>2</b>   |            |            |            | <b>6</b>   | <b>7</b>  |            |            |            |            |            |

|   |           |            |            |            |           |            |           |            |            |            |            |            |  |
|---|-----------|------------|------------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|--|
| *35:11:02, 35:14:01-35:14:02, 35:213, 53:08:02  | 2         |            |            |            |           | 6          |           |            |            |            |            |            |  |
| *35:11:03   | 2         |            |            |            |           | 6          | w         |            |            |            |            |            |  |
| *35:18  |           |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:21, 35:188, 53:06, 53:28  | 2         |            |            |            |           | 6          | 7         |            |            | 10         |            |            |  |
| *35:24:01-35:24:02, 35:109, 35:190, 53:02   | 2         |            |            |            |           |            |           |            |            | 10         |            |            |  |
| *35:32:01-35:32:02, 35:37, 35:53N, 35:64:01-35:64:02, 35:68:01-35:68:02, 35:119, 35:127, 35:151, 35:199, 35:205, 51:05, 51:08-51:10, 51:15, 51:19-51:20, 51:31, 51:40, 51:44N, 51:54, 51:73, 51:93, 51:97, 51:108, 51:115, 51:122, 51:141, 52:03, 52:10:01-52:10:02, 52:19, 78:04   |           |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:35, 35:46, 35:98, 48:02:02-48:02:03   | 2         |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:58  |           |            |            |            |           | 6          | 7         |            |            |            |            |            |  |
| *35:70  | 2         |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:75  |           |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:81, 35:157, 51:139  | 2         |            |            |            |           |            |           |            |            | 10         |            |            |  |
| *35:96  | 2         |            |            |            |           | 6          | 7         |            |            | 10         |            |            |  |
| *35:172   | 2         |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:174   |           |            |            |            |           |            |           |            |            |            |            |            |  |
| *35:208   | 2         |            |            |            |           |            |           |            |            |            |            |            |  |
| *40:28  | 2         |            |            |            |           | 6          | 7         |            |            | 10         |            |            |  |
| *44:04, 44:28:01-44:28:02, 44:56N   | 2         |            |            |            |           |            |           |            |            |            |            |            |  |
| *44:76  | 2         |            |            |            |           | 6          | w         |            |            |            |            |            |  |
| *44:138Q  |           |            |            |            |           |            |           |            |            |            |            |            |  |
| *44:150   | 2         |            |            |            |           | 6          |           |            |            |            |            |            |  |
| <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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |  |
| <b>Length of spec.</b>  | <b>90</b> | <b>150</b> | <b>240</b> | <b>190</b> | <b>90</b> | <b>170</b> | <b>80</b> | <b>250</b> | <b>160</b> | <b>115</b> | <b>205</b> | <b>235</b> |  |
| <b>PCR product(s)</b>   |           |            |            | <b>230</b> |           |            |           |            |            | <b>270</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>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b>  |  |
| *48:14  |           |            |            |            | 5         |            |           |            |            |            |            |            |  |
| *49:06  |           |            |            |            |           | 6          | 7         |            |            |            |            |            |  |
| *51:01:01-51:01:24, 51:01:26-51:01:36, 51:01:38-51:02:04, 51:03, 51:06:01-51:07:02, 51:11N-51:14, 51:16-51:18, 51:21-51:24:01, 51:24:04, 51:26-51:28, 51:30, 51:32-51:35, 51:37-51:39, 51:41N, 51:43, 51:45, 51:48-51:52, 51:57-51:60, 51:62-51:63, 51:65-51:70, 51:74-51:80, 51:83-51:86, 51:88-51:90, 51:92, 51:94-51:96, 51:98N-51:107, 51:109-51:114, 51:116-51:119, 51:121, 51:123-51:125, 51:127-51:138, 51:140, 51:142-51:147, 52:01:01-52:01:06, 52:01:08-52:01:14, 52:01:16-52:02, 52:04-52:06:02, 52:08-52:09, 52:11-52:18, 52:20, 52:22-52:23, 52:25-52:27, 52:30-52:31, 56:05:01-56:05:02, 56:21, 78:01:01-78:03, 78:05-78:07 |           |            |            |            |           | 6          | 7         |            |            |            |            |            |  |
| *51:04, 51:46, 51:56:01-51:56:02  | 2         |            |            |            |           | 6          | 7         |            |            | 10         |            |            |  |
| *51:29, 51:55, 51:82, 52:24   |           |            |            |            |           | 6          | w         |            |            |            |            |            |  |
| *51:53, 51:120, 52:28-52:29   |           |            |            |            |           |            | 7         |            |            |            |            |            |  |
| *51:64  |           |            |            |            |           | 6          | 7         |            |            |            |            |            |  |
| *55:54  |           |            |            |            |           |            | 7         |            |            |            |            |            |  |

|   |          |          |          |          |          |          |          |          |          |           |           |           |  |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|--|
| *56:36  |          |          |          |          |          |          |          |          |          |           |           |           |  |
| *57:01:01-57:01:04, 57:01:06-57:01:10, 57:01:12-57:01:14, 57:06, 57:08, 57:10, 57:15, 57:18, 57:23-57:27, 57:29, 57:32-57:35, 57:37-57:38, 57:40-57:41, 57:43-57:44, 57:48-57:50, 57:52-57:56, 57:58, 57:60 |          | 2        |          |          |          |          |          |          |          |           |           |           |  |
| *57:01:05, 57:21, 57:31, 57:47  |          |          |          |          |          |          |          |          |          |           |           |           |  |
| *57:01:11   |          | 2        |          |          |          |          |          |          |          |           |           |           |  |
| *57:02:01-57:02:02, 57:05, 57:12, 57:42   |          | 2        |          |          |          |          |          |          |          |           |           |           |  |
| *57:03:01-57:03:02, 57:07, 57:17, 57:39, 57:46  |          | 2        |          |          |          |          |          |          |          |           |           |           |  |
| *57:04, 57:19, 57:28N, 57:30  |          | 2        |          |          |          |          |          |          |          |           |           |           |  |
| *57:09, 57:57   |          | 2        |          |          |          | 6        |          |          |          |           |           |           |  |
| *57:11  |          |          | 3        |          |          |          |          |          |          |           | 11        |           |  |
| *57:13  |          |          |          |          |          | 6        |          |          |          |           |           |           |  |
| *57:14  |          | 2        |          |          |          |          |          |          |          | 10        |           |           |  |
| *57:22  |          | 2        |          |          |          | 6        |          |          |          |           |           |           |  |
| *57:59  |          | 2        |          |          | 5        |          |          |          |          |           |           |           |  |
| *83:01  |          | 2        |          |          |          |          |          |          |          |           |           |           |  |
| <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>9</b> | <b>10</b> | <b>11</b> | <b>12</b> |  |
| <b>Length of spec.</b>  | 90       | 150      | 240      | 190      | 90       | 170      | 80       | 250      | 160      | 115       | 205       | 235       |  |
| <b>PCR product(s)</b>   |          |          |          | 230      |          |          |          |          |          | 270       |           |           |  |
|   |          |          |          |          |          |          |          |          |          |           |           |           |  |
|   |          |          |          |          |          |          |          |          |          |           |           |           |  |
| <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>9</b> | <b>10</b> | <b>11</b> | <b>12</b> |  |
| A*02:01:33  |          |          |          |          |          |          |          |          | 9        |           |           |           |  |
| A*02:42, A*02:310   |          |          |          |          |          |          |          |          |          |           |           |           |  |
| A*24:64, C*01:06, C*16:43   |          |          |          |          |          |          |          |          |          |           | w         |           |  |
| C*01:35, C*03:17, C*03:71, C*14:20  |          |          | 3        |          |          |          |          |          |          |           |           |           |  |
| C*01:49-01:50, C*03:28, C*03:49, C*03:117, C*04:80, C*04:100, C*04:110, C*05:10, C*15:08  |          |          |          |          |          |          |          |          |          |           |           |           |  |
| C*02:60   |          |          |          |          |          |          |          |          |          |           |           |           |  |
| C*03:119, C*07:165, C*07:241, C*07:265, C*15:02:13  |          |          |          |          |          |          | 7        |          |          |           |           |           |  |
| C*03:141, C*15:18, C*15:39  |          |          |          |          |          |          |          |          |          | 10        |           |           |  |
| C*07:81, C*07:168   |          |          |          |          | 5        |          |          |          |          |           |           |           |  |
| C*15:24   |          |          |          |          |          |          |          |          |          |           |           |           |  |
| <b>HLA-B allele<sup>4,5</sup></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>9</b> | <b>10</b> | <b>11</b> | <b>12</b> |  |



# INTERPRETATION TABLE

## HLA-B\*58 SSP subtyping

Amplification patterns of the B\*58:01 to B\*58:39N alleles

| Well <sup>9</sup>    |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |  |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| 13                   | 14                   | 15                   | 16                   | 17                   | 18                   | 19                   | 20                   | 21                   | 22                   | 23                   | 24                   |  |
| 165                  | 165                  | 90                   | 145                  | 55                   | 70                   | 95                   | 85                   | 440                  | 180                  | 150                  | 95                   | Length of spec.<br>PCR product(s)                                      |
|                      |                      | 155                  |                      | 225                  | 140                  |                      | 145                  |                      |                      | 260                  |                      |  |
|                      |                      |                      |                      | 375                  |                      |                      | 180                  |                      |                      |                      |                      |  |
|                      |                      |                      |                      |                      |                      |                      | 275                  |                      |                      |                      |                      |  |
| 1070                 | 1070                 | 1070                 | 1070                 | 1070                 | 1070                 | 800                  | 1070                 | 1070                 | 1070                 | 1070                 | 1070                 | Length of int.<br>pos. control <sup>1</sup>                            |
| 652                  | 652                  | 142                  | 454                  | 281                  | 209                  | 363                  | 106                  | 206                  | 635                  | 355                  | 355                  | 5'-primer(s) <sup>2</sup>  |
| 5'-CCg <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-TCT <sup>3'</sup> | 5'-ACA <sup>3'</sup> | 5'-CTC <sup>3'</sup> | 5'-gga <sup>3'</sup> | 5'-AgC <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-gAC <sup>3'</sup> | 5'-ACg <sup>3'</sup> | 5'-TCC <sup>3'</sup> | 5'-TCA <sup>3'</sup> |  |
|                      |                      | 209                  |                      | 355                  |                      |                      | 209                  |                      |                      | 652                  | 363                  |  |
|                      |                      | 5'-ggC <sup>3'</sup> |                      | 5'-TCA <sup>3'</sup> |                      |                      | 5'-gga <sup>3'</sup> |                      |                      | 5'-CCg <sup>3'</sup> | 5'-AgC <sup>3'</sup> |  |
| 774                  | 774                  | 256                  | 559                  | 369                  | 239                  | 419                  | 208                  | 362                  | 774                  | 463                  | 412                  | 3'-primer(s) <sup>3</sup>  |
| 5'-ggT <sup>3'</sup> | 5'-ggT <sup>3'</sup> | 5'-CCC <sup>3'</sup> | 5'-Cag <sup>3'</sup> | 5'-CCg <sup>3'</sup> | 5'-gCg <sup>3'</sup> | 5'-Cgg <sup>3'</sup> | 5'-CTA <sup>3'</sup> | 5'-TCA <sup>3'</sup> | 5'-ggT <sup>3'</sup> | 5'-gCT <sup>3'</sup> | 5'-gTT <sup>3'</sup> |  |
|                      |                      |                      |                      | 538                  | 309                  |                      | 252                  |                      |                      | 870                  |                      |  |
|                      |                      |                      |                      | 5'-CCg <sup>3'</sup> | 5'-AC <sup>3'</sup>  |                      | 5'-TCg <sup>3'</sup> |                      |                      | 5'-gA <sup>3'</sup>  |                      |  |
|                      |                      |                      |                      |                      |                      |                      | 340                  |                      |                      |                      |                      |  |
|                      |                      |                      |                      |                      |                      |                      | 5'-ggT <sup>3'</sup> |                      |                      |                      |                      |  |
| 13                   | 14                   | 15                   | 16                   | 17                   | 18                   | 19                   | 20                   | 21                   | 22                   | 23                   | 24                   | Well No.   |
|                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | HLA-B allele <sup>4,5</sup>  |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:01:01-58:01:09, 58:01:12, 58:32-58:35, 58:37<br>*58:01:10-58:01:11 |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:02, 58:38  |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:04   |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:05   |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:06   |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:07   |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:08:01  |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:08:02  |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:09, 58:24 <sup>6</sup>   |
| 13                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:10N  |
|                      | 14                   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | *58:11   |
| 13                   | 14                   | 15                   | 16                   | 17                   | 18                   | 19                   | 20                   | 21                   | 22                   | 23                   | 24                   | Well No.   |
| 165                  | 165                  | 90                   | 145                  | 55                   | 70                   | 95                   | 85                   | 440                  | 180                  | 150                  | 95                   | Length of spec.<br>PCR product(s)                                      |
|                      |                      | 155                  |                      | 225                  | 140                  |                      | 145                  |                      |                      | 260                  |                      |  |
|                      |                      |                      |                      | 375                  |                      |                      | 180                  |                      |                      |                      |                      |  |

|     |     |     |     |     |     |    |     |     |     |     |    |  |   |
|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|--|---|
|     |     |     |     |     |     |    | 275 |     |     |     |    |  |   |
| 13  | 14  | 15  | 16  | 17  | 18  | 19 | 20  | 21  | 22  | 23  | 24 |  | Well No.  |
| 13  |     | 15  |     |     |     |    |     |     |     |     |    |  | *58:12  |
| 13  |     |     | 16  |     |     |    |     |     |     |     |    |  | *58:13  |
| 13  |     |     |     |     |     |    |     | 21  |     |     |    |  | *58:14  |
| 13  |     |     |     |     |     |    |     |     |     |     |    |  | *58:15  |
| 13  |     |     |     | 17  |     |    |     |     |     |     |    |  | *58:16  |
| 13  |     |     |     |     | 18  |    |     |     |     |     |    |  | *58:17N   |
| 13  |     |     |     | 17  |     | 19 |     |     |     |     |    |  | *58:18  |
| 13  |     |     |     |     |     |    |     |     |     |     |    |  | *58:19  |
|     | 14  |     |     |     |     |    |     |     |     |     |    |  | *58:20  |
| 13  |     |     |     |     |     |    | 20  |     |     |     |    |  | *58:21, 58:29 <sup>7</sup>  |
| 13  |     |     |     | 17  |     |    |     |     |     |     |    |  | *58:22  |
| 13  |     |     |     |     |     |    |     |     |     |     |    |  | *58:23  |
| 13  |     |     |     |     | 18  |    |     |     |     |     |    |  | *58:25  |
| 13  |     |     |     |     |     |    |     |     |     | 23  |    |  | *58:26  |
| 13  |     |     |     |     |     |    |     |     |     |     | 24 |  | *58:27  |
| 13  |     |     |     |     |     |    |     |     |     |     | 24 |  | *58:28  |
| 13  |     |     |     |     |     |    |     |     |     | 23  |    |  | *58:31N   |
| 13  |     | 15  |     |     |     |    |     |     |     |     |    |  | *58:36  |
| 13  |     |     |     |     |     |    | 20  |     |     |     |    |  | *58:39N   |
| 13  | 14  | 15  | 16  | 17  | 18  | 19 | 20  | 21  | 22  | 23  | 24 |  | Well No.  |
| 165 | 165 | 90  | 145 | 55  | 70  | 95 | 85  | 440 | 180 | 150 | 95 |  | Length of spec.   |
|     |     | 155 |     | 225 | 140 |    | 145 |     |     | 260 |    |  | PCR product(s)  |
|     |     |     |     | 375 |     |    | 180 |     |     |     |    |  |   |
|     |     |     |     |     |     |    | 275 |     |     |     |    |  |   |
| 13  | 14  | 15  | 16  | 17  | 18  | 19 | 20  | 21  | 22  | 23  | 24 |  | Well No.  |
|     |     |     |     |     |     |    |     |     |     |     |    |  | *07:02:01-07:02:34, 07:02:36-07:04, 07:07-07:08, 07:10, 07:13, 07:15-07:16, 07:19-07:24, 07:26-07:31, 07:33, 07:35-07:39, 07:41-07:47, 07:49N-07:50, 07:52, 07:54-07:57, 07:59-07:68:01, 07:68:03, 07:70-07:79, 07:81-07:89, 07:91-07:96:02, 07:98-07:104, 07:106-07:111N, 07:113-07:122, 07:124-07:136, 07:139, 07:141-07:154, 07:156-07:161N, 07:165-07:175, 13:31, 14:02:07, 15:01:01:01-15:01:04, 15:01:06-15:01:31, 15:03:01, 15:03:03-15:04, 15:06, 15:08-15:12, 15:14-15:19, 15:23-15:24, 15:26N-15:30, 15:32-15:35, 15:37-15:39:01, 15:40, 15:43, 15:45-15:47:02, 15:49-15:50, 15:53-15:54, 15:56-15:58, 15:60-15:61, 15:63-15:67, 15:69-15:74, 15:76, 15:78:01-15:79N, 15:81-15:82, 15:87, 15:90, 15:92-15:99, 15:101, 15:103-15:104, 15:108-15:110. |

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|     | 14  |     |     | 17  |     |    |     |     |     |     |    |                        | *07:12, 07:14, 07:18:01-07:18:02, 07:162-07:163   |
| 13  | 14  | 15  | 16  | 17  | 18  | 19 | 20  | 21  | 22  | 23  | 24 | <b>Well No.</b>        |   |
| 165 | 165 | 90  | 145 | 55  | 70  | 95 | 85  | 440 | 180 | 150 | 95 | <b>Length of spec.</b> |   |
|     |     | 155 |     | 225 | 140 |    | 145 |     |     | 260 |    | <b>PCR product(s)</b>  |   |
|     |     |     |     | 375 |     |    | 180 |     |     |     |    |                        |   |
|     |     |     |     |     |     |    | 275 |     |     |     |    |                        |   |
| 13  | 14  | 15  | 16  | 17  | 18  | 19 | 20  | 21  | 22  | 23  | 24 | <b>Well No.</b>        |   |









