| Well No. | 1 | 2 | 3 | 4 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HLA-A allele ${ }^{1,2}$ |  |  |  |  |  |  |
| *69:01:01:01-69:01:03, 69:04-69:07, 69:09 | 1 | 2 | 3 |  |  |  |
| *69:01:04 | 1 | 2 |  |  |  |  |
| *69:02, 02:644, 02:741 ${ }^{3}$ | 1 |  |  | 4 |  |  |
| *69:03 | 1 | 2 | 3 |  | 5 |  |
| *69:08, 02:55, 02:815 ${ }^{3}$ | 1 |  | 3 |  |  |  |
| *01:20, 01:66, 02:346, 02:427, 02:749, 26:22, 66:09 |  |  |  | 4 |  |  |
| *01:194, 02:907, 03:01:01:01-03:07:02, 03:09-03:29, 03:31, 03:33, 03:35, 03:37-03:40, 03:42-03:61, 03:64-03:87, 03:90-03:94, 03:96-03:106, 03:109-03:151, 03:153-03:171, 03:173-03:175, 03:177-03:193, 03:195-03:197:02N, 03:199, 03:201-03:259, 03:261-03:262N, 03:264-03:272, 03:274-03:342N, 03:344-03:381N, 03:383-03:397, 03:399- 03:412, 03:414-03:446, 03:448N, 11:12:01, 24:24, 24:290, 29:01:01:01-29:18, 29:21, 29:23-29:29, 29:31-29:33, 29:35- $29: 47, ~ 29: 49-29: 65, ~ 29: 67-29: 73, ~ 29: 75-29: 97, ~ 29: 99-29: 105, ~ 29: 107-29: 140, ~ 29: 142-29: 172, ~ 30: 01: 01: 01-30: 01: 21, ~$ $30: 08: 01-30: 08: 02, ~ 30: 11: 01-30: 11: 02, ~ 30: 14 L-30: 20, ~ 30: 23-30: 26, ~ 30: 30, ~ 30: 35-30: 43, ~ 30: 48-30: 49, ~ 30: 52-30: 56, ~$ $30: 58-30: 60, ~ 30: 62-30: 63, ~ 30: 65, ~ 30: 71-30: 75, ~ 30: 78 N-30: 79, ~ 30: 81-30: 83, ~ 30: 86-30: 89, ~ 30: 91-30: 98, ~ 30: 102, ~ 30: 104, ~$ $30: 106, ~ 30: 109-30: 116, ~ 30: 118, ~ 30: 120, ~ 30: 122-30: 123 N, ~ 30: 126, ~ 30: 128-30: 132 N, ~ 30: 134-30: 138, ~ 30: 141-30: 143, ~$ $30: 145 N, ~ 30: 147-30: 148, ~ 30: 154, ~ 30: 159, ~ 30: 161, ~ 30: 163-30: 165, ~ 30: 167-30: 168, ~ 30: 170-30: 173, ~ 30: 176, ~ 30: 178 N-~$ $30: 181, ~ 30: 183-30: 187, ~ 30: 190-30: 192, ~ 30: 194-30: 197 N, ~ 30: 199, ~ 30: 201-30: 203, ~ 31: 89, ~ 31: 115, ~ 32: 17, ~ 33: 125, ~ 33: 131, ~$ $34: 09, ~ 66: 02: 01: 01-66: 02: 01: 03, ~ 66: 12, ~ 66: 16, ~ 66: 21, ~ 66: 25-66: 26 Q, ~ 66: 34, ~ 66: 43, ~ 68: 01: 01: 01-68: 01: 17, ~ 68: 01: 19-~$ $68: 01: 56, ~ 68: 01: 58-68: 02: 19, ~ 68: 02: 21-68: 02: 22, ~ 68: 06-68: 14, ~ 68: 16-68: 19, ~ 68: 21: 01-68: 30, ~ 68: 32-68: 71, ~ 68: 73-68: 89, ~$ $68: 91-68: 92, ~ 68: 94 N-68: 96, ~ 68: 98-68: 104: 02, ~ 68: 106-68: 108, ~ 68: 110-68: 179, ~ 68: 181 N-68: 205 N, ~ 68: 207-68: 211, ~$ |  | 2 |  |  |  |  |
| *02:01:01:01-02:01:07, 02:01:09-02:01:15, 02:01:17-02:01:19, 02:01:21-02:01:70, 02:01:72-02:01:81, 02:01:8302:01:86, 02:01:88-02:01:109, 02:01:111-02:01:156, 02:01:158-02:01:176, 02:01:178-02:01:209, 02:03:01:0102:03:11, 02:06:01:01-02:06:30, 02:09:01:01-02:09:01:03, 02:11:01:01-02:11:12, 02:16, 02:20:01-02:22:02, 02:24:01 02:26, 02:28-02:32N, 02:36, 02:40:01-02:43N, 02:45-02:46, 02:48-02:49:02, 02:51-02:52, 02:59-02:61, 02:64:0102:64:02, 02:66-02:72, 02:74:01-02:77, 02:79:01-02:83N, 02:85-02:93:02, 02:95-02:97:02, 02:99:01-02:99:02, 02:101:01-02:101:02, 02:104-02:107, 02:109, 02:111, 02:113:01N-02:114, 02:116-02:121, 02:123-02:129, 02:131:01:01-02:134, 02:136-02:141, 02:143-02:147, 02:149:01-02:151, 02:153:01-02:153:02, 02:158-02:171:02, 02:173-02:178, 02:181-02:185, 02:187-02:190, 02:192-02:193, 02:195-02:198, 02:200-02:206, 02:208, 02:21002:211:02, 02:214-02:218, 02:220-02:223N, 02:225N, 02:227N-02:228, 02:230, 02:233:01-02:241, 02:243:0102:243:03, 02:246-02:254, 02:256-02:260, 02:262-02:264:01:02, 02:266-02:267, 02:269-02:270, 02:272-02:279, 02:281, 02:283-02:285, 02:287-02:299, 02:301N, 02:304-02:318, 02:321N-02:323, 02:325-02:333, 02:336, 02:33902:343, 02:347-02:349, 02:351-02:358, 02:360-02:368, 02:370-02:372, 02:374-02:375, 02:377-02:397, 02:399-02:402, 02:404-02:407, 02:409-02:412, 02:414-02:416, 02:418-02:420, 02:422-02:425, 02:428, 02:430-02:431, 02:434-02:436, 02:438-02:448, 02:454-02:471, 02:475-02:476N, 02:479-02:483, 02:485-02:488, 02:490N-02:491, 02:493-02:494, 02:497-02:498, 02:500Q-02:501:02N, 02:503-02:506N, 02:508-02:510, 02:512, 02:514N-02:516N, 02:518-02:525N, 02:528:01-02:530, 02:533-02:539, 02:542, 02:545, 02:547, 02:549-02:557, 02:559-02:564, 02:568-02:571, 02:57302:574, 02:576, 02:578-02:579, 02:581Q-02:582, 02:584-02:585, 02:587, 02:589-02:590, 02:592, 02:594-02:598, 02:600, 02:602-02:603, 02:605Q-02:616, 02:618Q-02:621, 02:623, 02:625, 02:627, 02:629, 02:632-02:635, 02:63702:642, 02:645, 02:647-02:651, 02:654, 02:656, 02:658-02:661, 02:663, 02:665-02:666, 02:668-02:669, 02:67102:675N, 02:677, 02:679, 02:681-02:708, 02:711-02:716, 02:718-02:720, 02:722, 02:724-02:730, 02:732-02:733, 02:735, 02:737-02:740, 02:742-02:748N, 02:750-02:763, 02:765, 02:767-02:770, 02:772-02:777, 02:779-02:786, 02:788N-02:789N, 02:792N-02:798, 02:800-02:803N, 02:805Q-02:806N, 02:808-02:814, 02:816, 02:819-02:821, 02:823-02:825, 02:827Q-02:828, 02:830:01-02:839, 02:841, 02:844-02:854, 02:856-02:858N, 02:860-02:866, 02:86802:871N, 02:873-02:880N, 02:882-02:889, 02:891-02:896N, 02:898-02:906, 02:908-02:911, 02:913-02:917, 02:91902:921:02, 02:923, 02:926-02:934, 02:936N, 02:938-02:940, 02:942-02:947, 02:949-02:950, 02:953-02:960, 02:962, 02:964-02:965, 02:968-02:972, 02:974-02:980, 02:982-02:984, 02:986-02:989N, 02:991-02:998, 02:1000-02:1009, 02:1011Q-02:1018, 02:1021-02:1024, 02:1026-02:1047, 02:1049-02:1050, 02:1052Q-02:1053N, 02:1055N-02:1058, 02:1060-02:1063N, 31:99, 33:22 |  |  | 3 |  |  |  |
| *02:07:01:01-02:07:17, 02:07:19-02:07:21, 02:15N, 02:18, 02:112, 02:130, 02:191, 02:219, 02:255, 02:261, 02:265, 02:282, 02:319, 02:335, 02:369, 02:403, 02:408, 02:426, 02:429, 02:432, 02:437Q, 02:449-02:452, 02:474, 02:47702:478, 02:513, 02:541, 02:544, 02:566-02:567, 02:575, 02:583, 02:586, 02:622N, 02:652, 02:678, 02:721, 02:764, 02:771, 02:787, 02:822, 02:842, 02:855, 02:859, 02:897, 02:912, 02:918, 02:924, 02:935, 02:937, 02:941, 02:966, 02:973, 02:981, 02:1010, 02:1051 |  |  | w |  |  |  |
| *02:12-02:13, 02:19, 02:27, 02:37-02:38, 02:44, 02:54, 02:142, 02:226N, 02:280, 02:417, 02:543, 02:662, 02:723, 02:948, 24:14:01:01-24:14:01:04, 24:324 |  |  | 3 |  | 5 |  |
| *02:34-02:35:03, 02:56:01-02:56:02, 02:62, 02:78, 02:580, 03:95, 03:343, 29:22, 68:105:01:01-68:105:01:02 |  | 2 | 3 |  |  |  |
| *02:103 |  | 2 | w |  |  |  |
| *02:630, 24:93, 24:570 |  |  |  |  | 5 |  |
| *02:840 |  |  | w |  | 5 |  |
| *11:288 |  |  |  | 4 | 5 |  |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 |

