

| INTERPRETATION TABLE                                   |                   |            |            |            |            |            |            |                   |
|--------------------------------------------------------|-------------------|------------|------------|------------|------------|------------|------------|-------------------|
| HLA-B*53 SSP subtyping                                 |                   |            |            |            |            |            |            |                   |
| Amplification patterns of the B*5301 to B*5319 alleles |                   |            |            |            |            |            |            |                   |
|                                                        | Well <sup>4</sup> |            |            |            |            |            |            |                   |
|                                                        | 1                 | 2          | 3          | 4          | 5          | 6          | 7          | 8                 |
| Length of spec.                                        | 145               | 270        | 135        | 190        | 145        | 205        | 130        | 170               |
| PCR product(s)                                         |                   |            | 290        |            |            | 235        |            |                   |
| Length of int.                                         | 800               | 1070       | 800        | 800        | 800        | 800        | 800        | 1070              |
| pos. control <sup>1</sup>                              |                   |            |            |            |            |            |            |                   |
| 5'-primer(s) <sup>2</sup>                              | 206               | 355        | 206        | 49         | 206        | 106        | 106        | 527               |
|                                                        | 5' -gAC 3'        | 5' -TCA 3' | 5' -gAC 3' | 5' -CAG 3' | 5' -gAC 3' | 5' -CCA 3' | 5' -CCA 3' | 5' -TgA 3'        |
|                                                        |                   |            | 355        | 419        |            | 419        | 368        |                   |
|                                                        |                   |            | 5' -TCA 3' | 5' -gTT 3' |            | 5' -gTC 3' | 5' -gTC 3' |                   |
|                                                        |                   |            |            |            |            |            |            |                   |
| 3'-primer(s) <sup>3</sup>                              | 309               | 583        | 301        | 79         | 309        | 302        | 197        | 3 <sup>rd</sup> I |
|                                                        | 5' -ATC 3'        | 5' -gTg 3' | 5' -gTC 3' | 5' -gTA 3' | 5' -gTg 3' | 5' -ggC 3' | 5' -gAA 3' | 5' -TAT 3'        |
|                                                        |                   |            | 302        | 559        |            | 583        | 463        |                   |
|                                                        |                   |            | 5' -ggC 3' | 5' -CAG 3' |            | 5' -gTg 3' | 5' -gCT 3' |                   |
|                                                        |                   |            | 603        |            |            |            |            |                   |
|                                                        |                   |            | 5' -gTg 3' |            |            |            |            |                   |
| Well No.                                               | 1                 | 2          | 3          | 4          | 5          | 6          | 7          | 8                 |
| HLA-B allele                                           |                   |            |            |            |            |            |            |                   |
| *530101-530105                                         | 1                 |            |            |            |            |            |            |                   |
| *5302                                                  | 1                 | 2          |            |            |            | 6          |            |                   |
| *5303                                                  |                   |            | 3          |            |            |            |            |                   |
| *5304                                                  | 1                 |            |            | 4          |            |            |            |                   |
| *5305                                                  | 1                 |            | 3          |            |            | 6          |            |                   |
| *5306                                                  | 1                 | 2          |            |            |            | 6          |            | 8                 |
| *5307                                                  | 1                 |            |            | 4          |            |            | 7          |                   |
| *5308                                                  | 1                 |            |            |            |            |            |            | 8                 |
| *5309                                                  |                   |            |            |            | 5          |            |            |                   |
| *5310                                                  | 1                 |            |            |            |            |            | 7          |                   |
| *5311                                                  |                   |            |            |            | 5          |            |            |                   |
| *5312                                                  |                   |            |            |            | 5          | 6          |            |                   |
| *5313                                                  |                   |            |            |            | 5          |            |            |                   |
| *5314                                                  | 1                 |            |            |            |            |            |            |                   |
| *5315                                                  | 1                 |            | 3          |            |            |            |            |                   |
| *5316                                                  | 1                 |            | 3          |            |            |            |            |                   |
| *5317                                                  | 1                 |            |            |            |            |            |            |                   |
| *5318                                                  | 1                 |            |            | 4          |            |            |            |                   |
| *5319, 5203, 5210 <sup>5</sup>                         | 1                 |            |            |            |            |            |            |                   |
| Well No.                                               | 1                 | 2          | 3          | 4          | 5          | 6          | 7          | 8                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Length of spec.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 145 | 270 | 135 | 190 | 145 | 205 | 130 | 170 |
| PCR product(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |     | 290 |     |     | 235 |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| *070201-0708, 0710, 0712-0716, 071801-0724, 0727-0733, 0735-0742, 0744-0747, 0749N, 0750, 0752-0777, 0779, 0781-0799, 0806, 0820, 1403, 1530, 1533, 1545, 1563, 1577-157802, 1599, 9516, 9541, 9550, 9568, 2725, 3544, 3918, 3936, 4015, 4016, 4023, 4032, 4098, 4476, 4805, 4808, 5709, 5713                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |     |     |     |     |     | 8   |
| *0709, 0711, 0717                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |     |     |     |     |     |     | 8   |
| *0726, 0734, 0743, 0780, 1320, 1401-140203, 1404, 140601-1409, 1411-1416, 1509, 1510, 15170101-151702, 1537, 1572, 1590, 9577, 270401-270403, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2740, 2754, 3810, 3935, 4005, 4026, 4051, 4095, 4479, 4815, 5150, 5202, 5216, 550104, 5517, 5528, 560501-5606, 5621, 7801-7803                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |     |     |     |     |     | 8   |
| *0748, 0813, 130101, 130102, 1306, 1307N, 1311-1313, 1317, 1321-1323, 1328, 1329, 1586, 9562, 2701-2703, 270502-270512, 2707-2709, 2711-2714, 2716, 2717, 2719, 2723, 2726-2737, 2739, 2742-2744, 2746, 2748-2751, 2753, 2755-2759N, 3531, 3533, 3565Q, 3588, 380101-3805, 3808, 3809, 3811-3818, 3820, 39010101, 39010102L, 390103-390202, 3904-390602, 3910, 3912-3917, 391901-3920, 3922, 3923, 3925N-3931, 3934, 3938Q-3942, 3944-3954, 400101-400207, 4004, 40060101-401403, 4018, 4019, 4021, 4022N, 4024, 4025, 4027, 4029-4031, 4033-4037, 4039, 4040, 4042-4050, 4053-4058, 4061, 4062, 4064-4070, 407201-4091, 4093, 4094, 4096, 4097, 4430, 4431, 446401, 446402, 47010101-4705, 480101, 480102, 480301-4804, 4806, 4809-4813, 4816-4818, 4820, 5404, 5411, 5415, 5504, 5513, 5527, 5610, 5612, 5902, 5903, 670101-6702, 8101-8104N |     |     |     |     |     |     |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| Length of spec.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 145 | 270 | 135 | 190 | 145 | 205 | 130 | 170 |
| PCR product(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |     | 290 |     |     | 235 |     |     |

| Well No.                                                                                                                                                                                                                                                                                                                                                                    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| *0778, 5509, 5521                                                                                                                                                                                                                                                                                                                                                           |     |     |     |     |     |     |     | 8   |
| *0821, 2747, 3518, 44020101-440207, 440209, 440210, 4405, 4408, 4409, 4411, 4412, 4414, 4419N, 4420, 4422-4425, 4427-442802, 4433-4435, 4441, 4442, 4444, 4448, 4449, 4451-4453, 4455, 4458N, 4459, 4462, 4463, 4466-4468, 4470-4475, 4478, 4480, 4484, 4486-4488, 5702, 5704, 5705, 5712, 8301, Cw*0336                                                                    |     |     |     |     |     |     |     |     |
| *0825, 1548, 2738, 350401-350403, 350901, 350902, 351201, 351202, 3522, 3534, 3539, 4063, 4092, 440301-440308, 4407, 4413, 4426, 4429, 4432, 4436-4440, 4445-4447, 4450, 4454, 4457, 4460, 4461N, 4465, 4469, 4477, 4481, 4482, 4485, 5508, 5615, 570301, 570302, 5707, 5717, 7804                                                                                          |     |     |     |     |     |     |     |     |
| *0828, 0835, 0837, 4206, 4209, Cw*0808                                                                                                                                                                                                                                                                                                                                      |     |     |     |     |     |     |     |     |
| *130201-130206, 1308Q, 1309, 1314, 1315, 1319, 1327, 1330, 3560, 4618, 5401, 5402, 5405N, 5407, 5408N, 5412, 5413, 5416-5419, 550201-550205, 5507, 5510, 5512, 5516, 5518, 5519, 5522, 5526, 5530, 5534, 5535, 5619N, 5623, 5901, 5905                                                                                                                                      |     |     |     |     |     |     |     |     |
| *1303, 4611, 5403, 560101, 560102, 5607, 5608, 5614, 5616, 5617, 5620, 5624, 5626, 5904                                                                                                                                                                                                                                                                                     |     |     |     | 4   |     |     |     |     |
| *1304, 1505, 1520, 1591, 9523, 9536, 9551, 9555, 350101-350113, 3507, 3510, 3516, 3517, 3519, 3523, 3525-3527, 3529, 3530, 3532, 3537, 3540N-3542, 3546-3550, 3552, 3554, 3557, 3563, 356801-3569, 3571, 3576-3578, 3582, 3589-3592, 3594, 3597, 4443, 461301, 461302, 4619, 4802, 5609, 570101, 570102, 570104, 5706, 5708, 5710, 5711, 5715, 5716, 5718, 5720, 5721, 5723 |     |     |     |     |     |     |     |     |
| *1310                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |     |     |     |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| Length of spec.                                                                                                                                                                                                                                                                                                                                                             | 145 | 270 | 135 | 190 | 145 | 205 | 130 | 170 |
| PCR product(s)                                                                                                                                                                                                                                                                                                                                                              |     |     | 290 |     |     | 235 |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |     |     |     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| *1316, 1542, 4907, 550101-550103, 550105, 550106, 5503, 5505, 5511, 5515, 5524, 5525, 5529, 5531, 5533, 5536, 5538                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |     |     |     |     |     |     | 8   |
| *1318, 4508, 4510, 5410, 5537                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |     |     |     |     |
| *1325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |     | 6   |     |     |
| *1326, 1552, 9514, 9524, 2741, 3515, 3535, 3593, 3907, 4621, 5409, 5414, 5523, 5532, 5618, 570103, 5725, 5726                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |     |     |     |     |
| *1405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |     |     |     | 8   |
| *1410, 3596, 4028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     | 2   |     |     |     |     |     | 8   |
| *15010101-150104, 150106-150112, 1504, 1508, 151101-1512, 1514, 1515, 1519, 1524, 1526N-1528, 1534, 1535, 1543, 1546, 1547, 1549, 1550, 1553, 1554, 1556, 1557, 1560, 1565, 1566, 1570, 1571, 1576, 1579N, 1581, 1582, 1585, 1587, 1592, 1594N, 1596, 1597, 9501, 9502, 9504, 9509, 9510, 9513, 9517, 9518, 9520, 9522, 9525, 9526, 9529, 9535, 9540, 9542, 9543, 9546-9549N, 9552, 9554, 9557, 9559, 9560, 9563-9567, 9569, 9571, 9572, 9574, 9575, 9578, 351401, 351402, 3543, 3567, 3579, 3586, 3599, 460101-4605, 4607N, 4610, 4614-4617, 4620, 4622, 5406, 5603 |     |     |     |     |     |     |     | 8   |
| *150201, 150202, 1506, 1513, 1521, 152501, 152502, 1536, 1544, 1589, 9506, 9512, 9521, 9539, 9556, 9570, 4905                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |     |     |     | 8   |
| *150301-150303, 1516, 151801-151803, 1523, 1529, 1539, 1540, 1561, 1562, 1564, 1567, 1569, 1574, 1580, 1593, 1595, 1598, 9503, 9508, 9519, 9527, 9531, 9532, 9534, 9538, 9553, 9558, 9561, 9573, 3511, 4608, 4904, 5514, 5722                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |     |     |     | 8   |
| *1507, 1568, 4612                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |     |     |     | 8   |
| *1531                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |     |     |     |     |
| *1532                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |     |     | 7   | 8   |
| *153801, 153802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |     |     |     | 6   |     | 8   |
| *1551, 4417, 4509, 4609, 5724                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |     |     |     |     |
| *1555                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |     |     |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| Length of spec.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 145 | 270 | 135 | 190 | 145 | 205 | 130 | 170 |
| PCR product(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     | 290 |     |     | 235 |     |     |
| Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| *1558, 1573, 9537                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     | 4   |     |     |     | 8   |

|                                                                                                                                   |     |     |     |     |     |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| *1575, 9505, 9511N, 9545                                                                                                          |     |     |     |     |     |     |     |     |
| *1584, 350801-350804, 3545, 3561, 3562, 3580, 5719                                                                                |     |     |     |     |     |     |     |     |
| *1588                                                                                                                             |     |     |     |     |     |     |     |     |
| *9507, 3553N, 3564, 570105                                                                                                        |     |     |     |     |     |     |     |     |
| *9515                                                                                                                             |     |     |     |     |     | 6   |     | 8   |
| *9528, 9544                                                                                                                       |     |     |     |     |     |     |     | 8   |
| *9576                                                                                                                             |     |     |     |     |     |     |     |     |
| *180101-180103, 180105-1806, 1808, 1812, 1817N, 1823N-1825, 1827, 1828, 1831, 1832, 1834, 1838, 1839, 1842-1845                   |     |     |     |     |     | 6   |     |     |
| *180104, 1840                                                                                                                     |     |     |     |     |     | 6   |     |     |
| *180701, 180702, 1829, 1833, 1837, 3943                                                                                           |     |     |     |     |     | 6   |     |     |
| *1809                                                                                                                             |     |     |     |     | 5   | 6   |     |     |
| *1810, 1811, 1835                                                                                                                 |     |     |     |     |     |     |     |     |
| *1813                                                                                                                             |     |     |     |     |     | 6   |     |     |
| *1814                                                                                                                             |     |     |     |     |     | 6   |     |     |
| *1815                                                                                                                             |     |     |     |     |     | 6   |     | 8   |
| *1818                                                                                                                             |     |     |     |     |     | 6   | 7   |     |
| *1819, 1830                                                                                                                       |     |     |     |     |     | 6   |     | 8   |
| *1820                                                                                                                             |     |     |     |     |     | 6   |     |     |
| *1821                                                                                                                             |     |     |     |     |     |     |     | 8   |
| *1822                                                                                                                             |     | 2   |     |     |     | 6   |     |     |
| *1826, 1841                                                                                                                       |     |     |     |     |     |     |     |     |
| *1836                                                                                                                             |     |     |     |     |     | 6   |     |     |
| *2752                                                                                                                             |     |     | 3   |     |     |     |     |     |
| *350201-350203, 3583, 3595                                                                                                        |     |     |     |     |     |     |     |     |
| *350301, 350302, 3506, 3513, 3536, 3555, 3556, 3559, 3570, 3574, 3575, 3584, 3585, 3598, 3932, 4071, 4410, 5602, 5604, 5611, 5622 |     |     |     | 4   |     |     |     |     |
| *3505, 3551                                                                                                                       |     |     |     |     |     |     |     |     |
| *352001, 352002, 3528                                                                                                             |     |     |     |     |     |     |     |     |
| *3521                                                                                                                             |     | 2   |     |     |     | 6   |     | 8   |
| *3524, 5714                                                                                                                       |     | 2   |     |     |     | 6   |     |     |
| *3538, 3933, 4502, 8201, 8202, Cw*0434                                                                                            |     |     |     | 4   |     |     |     |     |
| *3558                                                                                                                             |     |     |     |     |     |     |     | 8   |
| *3566                                                                                                                             |     |     |     |     |     |     |     |     |
| Well No.                                                                                                                          | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| Length of spec.                                                                                                                   | 145 | 270 | 135 | 190 | 145 | 205 | 130 | 170 |
| PCR product(s)                                                                                                                    |     |     | 290 |     |     | 235 |     |     |
| Well No.                                                                                                                          | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| *3572                                                                                                                             |     |     |     |     |     |     |     |     |
| *3581                                                                                                                             |     | 2   |     |     |     |     |     |     |

|                                                                                                                                                                                                                     |     |     |     |     |     |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| *370101-370105, 370107, 3703N, 3705, 3708, 3715-3718                                                                                                                                                                |     |     | 3   |     |     |     | 7   |     |
| *370106, 3706                                                                                                                                                                                                       |     |     |     |     |     |     | 7   |     |
| *3702                                                                                                                                                                                                               |     |     | 3   |     |     |     |     |     |
| *3704                                                                                                                                                                                                               |     | 2   | 3   |     |     |     | 7   |     |
| *3707                                                                                                                                                                                                               |     |     | 3   |     |     |     |     | 8   |
| *3709, 3712, 3719                                                                                                                                                                                                   |     |     | 3   |     |     |     |     |     |
| *3710                                                                                                                                                                                                               |     |     |     |     | 5   |     | 7   |     |
| *3711, 3714                                                                                                                                                                                                         |     |     |     |     |     |     | 7   |     |
| *3713                                                                                                                                                                                                               |     |     | 3   |     |     |     | 7   | 8   |
| *3806, 3807, 5110, 5131, 5181                                                                                                                                                                                       | 1   |     |     |     |     |     |     |     |
| *3819, 3903, 3924, 3937, 4807                                                                                                                                                                                       |     |     |     |     |     |     |     |     |
| *3909                                                                                                                                                                                                               |     |     |     |     |     |     | 7   |     |
| *4003                                                                                                                                                                                                               |     |     |     |     |     |     |     |     |
| *4020, 4038, 4052, 4059, 4060, 4606                                                                                                                                                                                 |     |     |     |     |     |     |     |     |
| *4213                                                                                                                                                                                                               |     |     | 3   |     |     |     |     |     |
| *440208                                                                                                                                                                                                             |     |     |     |     |     |     |     |     |
| *4406, 5105, 5108, 5120, 5144N                                                                                                                                                                                      | 1   |     |     |     |     |     |     |     |
| *4415                                                                                                                                                                                                               |     |     |     | 4   |     | 6   |     |     |
| *4418, 4501, 4504-4507, 5613                                                                                                                                                                                        |     |     |     | 4   |     |     |     |     |
| *4483                                                                                                                                                                                                               |     |     |     |     | 5   |     |     |     |
| *4503                                                                                                                                                                                                               |     |     |     |     |     |     |     |     |
| *4814                                                                                                                                                                                                               |     |     |     |     |     |     |     |     |
| *490101, 4902, 4906, 500101-5002, 5004-5008, 5625                                                                                                                                                                   |     |     |     | 4   |     |     |     | 8   |
| *490102                                                                                                                                                                                                             |     |     |     | 4   |     |     |     | 8   |
| *4903                                                                                                                                                                                                               | 1   |     |     | 4   |     |     |     | 8   |
| *5009, 9533                                                                                                                                                                                                         |     |     |     | 4   |     |     |     | 8   |
| *510101-5103, 5106, 5111N, 5112, 5114, 5116-5118, 5121-512402, 5126-5128, 5130, 5132-5135, 5138, 5139, 5141N, 5143, 5148, 5149, 5151, 5152, 5157-5160, 5164-5171, 5174-5177, 5179, 5180, 5183, 5184, 520601, 520602 | 1   |     |     |     |     |     |     | 8   |
| *5104, 5146, 5156                                                                                                                                                                                                   | 1   | 2   |     |     |     |     |     | 8   |
| *5107, 520101-520105, 5204, 5205, 5207, 5208, 5211-5213, 5215                                                                                                                                                       | 1   |     |     |     |     |     |     | 8   |
| Well No.                                                                                                                                                                                                            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| Length of spec.                                                                                                                                                                                                     | 145 | 270 | 135 | 190 | 145 | 205 | 130 | 170 |
| PCR product(s)                                                                                                                                                                                                      |     |     | 290 |     |     | 235 |     |     |
| Well No.                                                                                                                                                                                                            | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| *510901, 510902, 5119, 5140, 5142, 5173                                                                                                                                                                             | 1   |     |     |     |     |     |     |     |
| *511301, 511302, 5162                                                                                                                                                                                               | 1   |     |     | 4   |     |     |     | 8   |
| *5115                                                                                                                                                                                                               | 1   |     |     | 4   |     |     |     |     |

|                                                                              |          |          |          |          |          |          |          |          |
|------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>*5129, 5136, 5155, 5161, 5182</b>                                         | <b>1</b> |          |          |          |          |          |          | <b>8</b> |
| <b>*5137, 5145, 5163</b>                                                     | <b>1</b> |          |          |          |          | <b>6</b> |          | <b>8</b> |
| <b>*5153</b>                                                                 | <b>1</b> |          |          |          |          |          |          |          |
| <b>*5154</b>                                                                 |          |          |          |          | <b>5</b> |          |          |          |
| <b>*5172</b>                                                                 | <b>1</b> |          |          |          |          |          |          | <b>8</b> |
| <b>*5178</b>                                                                 |          |          |          |          | <b>5</b> |          |          | <b>8</b> |
| <b>*5209</b>                                                                 | <b>1</b> |          | <b>3</b> |          |          |          |          | <b>8</b> |
| <b>*5214</b>                                                                 | <b>1</b> |          |          | <b>4</b> |          |          |          | <b>8</b> |
| <b>*580101, 580102, 5802, 5804, 5807, 5810N-5816, 5818, 5821, 5823, 5824</b> | <b>1</b> |          |          |          |          |          |          |          |
| <b>*580103</b>                                                               | <b>1</b> |          |          |          |          |          |          |          |
| <b>*5805</b>                                                                 | <b>1</b> |          |          |          |          |          |          |          |
| <b>*5806, 5819</b>                                                           | <b>1</b> |          |          |          |          |          |          | <b>8</b> |
| <b>*5808</b>                                                                 | <b>1</b> |          |          |          |          |          |          | <b>8</b> |
| <b>*5809</b>                                                                 | <b>1</b> | <b>2</b> |          |          |          | <b>6</b> |          |          |
| <b>*5817N</b>                                                                |          |          |          |          |          |          |          |          |
| <b>*5820</b>                                                                 | <b>1</b> |          |          |          |          |          |          |          |
| <b>*5822</b>                                                                 | <b>1</b> |          |          |          |          |          |          |          |
| <b>*7805, 7806</b>                                                           |          |          |          |          |          |          |          | <b>8</b> |
| <b>A*9288</b>                                                                |          |          |          |          |          |          |          |          |
| <b>Cw*0312, Cw*0319, Cw*0326</b>                                             |          |          |          | <b>w</b> |          |          |          |          |
| <b>Cw*0408, Cw*0527, Cw*1515</b>                                             |          |          |          | <b>4</b> |          |          |          |          |
| <b>Cw*0620, Cw*0781</b>                                                      |          |          |          |          |          |          |          |          |
| <b>Well No.</b>                                                              | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> |

| INTERPRETATION TABLE                                   |            |            |            |            |            |            |                   |                                |
|--------------------------------------------------------|------------|------------|------------|------------|------------|------------|-------------------|--------------------------------|
| HLA-B*53 SSP subtyping                                 |            |            |            |            |            |            |                   |                                |
| Amplification patterns of the B*5301 to B*5319 alleles |            |            |            |            |            |            |                   |                                |
| Well <sup>4</sup>                                      |            |            |            |            |            |            |                   |                                |
| 9                                                      | 10         | 11         | 12         | 13         | 14         | 15         | 16                |                                |
| 75                                                     | 150        | 85         | 105        | 90         | 95         | 105        | 160               | Length of spec.                |
|                                                        |            |            |            |            | 130        | 205        |                   | PCR product(s)                 |
| 1070                                                   | 1070       | 800        | 1070       | 1070       | 1070       | 800        | 1070              | Length of int.                 |
|                                                        |            |            |            |            |            |            |                   | pos. control <sup>1</sup>      |
| 527                                                    | 419        | 419        | 357        | 209        | 106        | 206        | 539               | 5'-primer(s) <sup>2</sup>      |
| 5' -TgT 3'                                             | 5' -gTC 3' | 5' -gTC 3' | 5' -Tgg 3' | 5' -ggA 3' | 5' -CCA 3' | 5' -gAC 3' | 5' -gCT 3'        |                                |
|                                                        |            |            |            |            | 363        | 397        |                   |                                |
|                                                        |            |            |            |            | 5' -AgC 3' | 5' -gCT 3' |                   |                                |
|                                                        |            |            |            |            |            |            |                   |                                |
| 559                                                    | 527        | 463        | 420        | 256        | 197        | 272        | 3 <sup>rd</sup> I | 3'-primer(s) <sup>3</sup>      |
| 5' -CAg 3'                                             | 5' -CCA 3' | 5' -gCT 3' | 5' -gCT 3' | 5' -CTC 3' | 5' -gAA 3' | 5' -Tgg 3' | 5' -TAT 3'        |                                |
|                                                        |            |            |            | 256        | 419        | 559        |                   |                                |
|                                                        |            |            |            | 5' -CCC 3' | 5' -Cgg 3' | 5' -CAg 3' |                   |                                |
|                                                        |            |            |            |            | 419        |            |                   |                                |
|                                                        |            |            |            |            | 5' -CgA 3' |            |                   |                                |
| 9                                                      | 10         | 11         | 12         | 13         | 14         | 15         | 16                | Well No.                       |
|                                                        |            |            |            |            |            |            |                   | HLA-B allele                   |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *530101-530105                 |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5302                          |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5303                          |
| 9                                                      |            |            |            |            |            |            | 16                | *5304                          |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5305                          |
|                                                        |            | 11         |            |            |            |            | 16                | *5306                          |
| 9                                                      |            |            |            |            |            |            | 16                | *5307                          |
|                                                        |            | 11         |            |            |            |            | 16                | *5308                          |
| 9                                                      | 10         | 11         |            |            |            | 15         | 16                | *5309                          |
| 9                                                      | 10         | 11         |            |            | 14         |            | 16                | *5310                          |
| 9                                                      | w          | 11         |            |            |            |            |                   | *5311                          |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5312                          |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5313                          |
| 9                                                      | 10         | 11         |            |            | 14         |            | 16                | *5314                          |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5315                          |
| 9                                                      | w          | 11         |            |            |            |            |                   | *5316                          |
| 9                                                      | 10         | 11         |            |            |            | 15         | 16                | *5317                          |
| 9                                                      | 10         | 11         |            |            |            |            | 16                | *5318                          |
| 9                                                      |            |            |            |            |            | 15         | 16                | *5319, 5203, 5210 <sup>5</sup> |
| 9                                                      | 10         | 11         | 12         | 13         | 14         | 15         | 16                | Well No.                       |



|    |     |    |     |    |     |     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----|-----|----|-----|----|-----|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 75 | 150 | 85 | 105 | 90 | 95  | 105 | 160 | Length of spec.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|    |     |    |     |    | 130 | 205 |     | PCR product(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|    |     |    |     |    |     |     |     | *070201-0708, 0710, 0712-0716, 071801-0724, 0727-0733, 0735-0742, 0744-0747, 0749N, 0750, 0752-0777, 0779, 0781-0799, 0806, 0820, 1403, 1530, 1533, 1545, 1563, 1577-157802, 1599, 9516, 9541, 9550, 9568, 2725, 3544, 3918, 3936, 4015, 4016, 4023, 4032, 4098, 4476, 4805, 4808, 5709, 5713                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    |     |    |     |    | 14  |     |     | *0709, 0711, 0717                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    |     |    |     |    |     |     | 16  | *0726, 0734, 0743, 0780, 1320, 1401-140203, 1404, 140601-1409, 1411-1416, 1509, 1510, 15170101-151702, 1537, 1572, 1590, 9577, 270401-270403, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2740, 2754, 3810, 3935, 4005, 4026, 4051, 4095, 4479, 4815, 5150, 5202, 5216, 550104, 5517, 5528, 560501-5606, 5621, 7801-7803                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|    |     |    |     |    |     |     | 16  | *0748, 0813, 130101, 130102, 1306, 1307N, 1311-1313, 1317, 1321-1323, 1328, 1329, 1586, 9562, 2701-2703, 270502-270512, 2707-2709, 2711-2714, 2716, 2717, 2719, 2723, 2726-2737, 2739, 2742-2744, 2746, 2748-2751, 2753, 2755-2759N, 3531, 3533, 3565Q, 3588, 380101-3805, 3808, 3809, 3811-3818, 3820, 39010101, 39010102L, 390103-390202, 3904-390602, 3910, 3912-3917, 391901-3920, 3922, 3923, 3925N-3931, 3934, 3938Q-3942, 3944-3954, 400101-400207, 4004, 40060101-401403, 4018, 4019, 4021, 4022N, 4024, 4025, 4027, 4029-4031, 4033-4037, 4039, 4040, 4042-4050, 4053-4058, 4061, 4062, 4064-4070, 407201-4091, 4093, 4094, 4096, 4097, 4430, 4431, 446401, 446402, 47010101-4705, 480101, 480102, 480301-4804, 4806, 4809-4813, 4816-4818, 4820, 5404, 5411, 5415, 5504, 5513, 5527, 5610, 5612, 5902, 5903, 670101-6702, 8101-8104N |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 75 | 150 | 85 | 105 | 90 | 95  | 105 | 160 | Length of spec.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|    |     |    |     |    | 130 | 205 |     | PCR product(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|    |     |    |     |    |     |     |     |                                                                                                                                                                                                                                                                                                                                                                             |
|----|-----|----|-----|----|-----|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                                                                                                                                                                                    |
|    |     |    | 12  |    |     |     |     | *0778, 5509, 5521                                                                                                                                                                                                                                                                                                                                                           |
| 9  |     |    |     |    |     |     |     | *0821, 2747, 3518, 44020101-440207, 440209, 440210, 4405, 4408, 4409, 4411, 4412, 4414, 4419N, 4420, 4422-4425, 4427-442802, 4433-4435, 4441, 4442, 4444, 4448, 4449, 4451-4453, 4455, 4458N, 4459, 4462, 4463, 4466-4468, 4470-4475, 4478, 4480, 4484, 4486-4488, 5702, 5704, 5705, 5712, 8301, Cw*0336                                                                    |
| 9  |     |    |     |    |     |     | 16  | *0825, 1548, 2738, 350401-350403, 350901, 350902, 351201, 351202, 3522, 3534, 3539, 4063, 4092, 440301-440308, 4407, 4413, 4426, 4429, 4432, 4436-4440, 4445-4447, 4450, 4454, 4457, 4460, 4461N, 4465, 4469, 4477, 4481, 4482, 4485, 5508, 5615, 570301, 570302, 5707, 5717, 7804                                                                                          |
|    |     |    |     |    | 14  |     |     | *0828, 0835, 0837, 4206, 4209, Cw*0808                                                                                                                                                                                                                                                                                                                                      |
|    |     |    | 12  |    |     |     | 16  | *130201-130206, 1308Q, 1309, 1314, 1315, 1319, 1327, 1330, 3560, 4618, 5401, 5402, 5405N, 5407, 5408N, 5412, 5413, 5416-5419, 550201-550205, 5507, 5510, 5512, 5516, 5518, 5519, 5522, 5526, 5530, 5534, 5535, 5619N, 5623, 5901, 5905                                                                                                                                      |
| 9  |     |    | 12  |    |     |     | 16  | *1303, 4611, 5403, 560101, 560102, 5607, 5608, 5614, 5616, 5617, 5620, 5624, 5626, 5904                                                                                                                                                                                                                                                                                     |
| 9  | 10  | 11 |     |    |     |     | 16  | *1304, 1505, 1520, 1591, 9523, 9536, 9551, 9555, 350101-350113, 3507, 3510, 3516, 3517, 3519, 3523, 3525-3527, 3529, 3530, 3532, 3537, 3540N-3542, 3546-3550, 3552, 3554, 3557, 3563, 356801-3569, 3571, 3576-3578, 3582, 3589-3592, 3594, 3597, 4443, 461301, 461302, 4619, 4802, 5609, 570101, 570102, 570104, 5706, 5708, 5710, 5711, 5715, 5716, 5718, 5720, 5721, 5723 |
|    | 10  | w  |     |    |     |     | 16  | *1310                                                                                                                                                                                                                                                                                                                                                                       |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                                                                                                                                                                                    |
| 75 | 150 | 85 | 105 | 90 | 95  | 105 | 160 | Length of spec.                                                                                                                                                                                                                                                                                                                                                             |
|    |     |    |     |    | 130 | 205 |     | PCR product(s)                                                                                                                                                                                                                                                                                                                                                              |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                                                                                                                                                                                    |

[illegible]

|    |     |    |     |    |     |     |     |                                                                                                                                   |
|----|-----|----|-----|----|-----|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------|
|    |     | 11 |     |    |     |     |     | *1575, 9505, 9511N, 9545                                                                                                          |
| 9  | w   | 11 |     |    |     |     |     | *1584, 350801-350804, 3545, 3561, 3562, 3580, 5719                                                                                |
|    |     | w  |     |    |     |     | w   | *1588                                                                                                                             |
| 9  | 10  |    |     |    |     |     | 16  | *9507, 3553N, 3564, 570105                                                                                                        |
|    |     | 11 |     |    |     |     | 16  | *9515                                                                                                                             |
|    |     | w  |     |    |     |     |     | *9528, 9544                                                                                                                       |
|    |     | 11 |     |    |     |     | w   | *9576                                                                                                                             |
|    | 10  | 11 |     |    |     | 15  | 16  | *180101-180103, 180105-1806, 1808, 1812, 1817N, 1823N-1825, 1827, 1828, 1831, 1832, 1834, 1838, 1839, 1842-1845                   |
|    | 10  |    |     |    |     | 15  | 16  | *180104, 1840                                                                                                                     |
|    | 10  | 11 |     |    |     |     | 16  | *180701, 180702, 1829, 1833, 1837, 3943                                                                                           |
|    | 10  | 11 |     |    |     | 15  | 16  | *1809                                                                                                                             |
|    | 10  | 11 |     |    |     | 15  | 16  | *1810, 1811, 1835                                                                                                                 |
|    | w   | 11 |     |    |     | 15  |     | *1813                                                                                                                             |
|    | 10  | 11 |     |    | 14  | 15  | 16  | *1814                                                                                                                             |
|    |     | 11 |     |    |     | 15  | 16  | *1815                                                                                                                             |
|    | 10  | 11 |     |    |     | 15  | 16  | *1818                                                                                                                             |
|    |     | 11 |     |    |     | 15  |     | *1819, 1830                                                                                                                       |
|    | 10  | w  |     |    |     | 15  | 16  | *1820                                                                                                                             |
|    |     |    |     |    |     | 15  |     | *1821                                                                                                                             |
|    | 10  | 11 |     |    |     | 15  | 16  | *1822                                                                                                                             |
|    |     |    |     |    |     | 15  | 16  | *1826, 1841                                                                                                                       |
| 9  | 10  | 11 |     |    |     | 15  | 16  | *1836                                                                                                                             |
|    |     |    |     |    |     |     | 16  | *2752                                                                                                                             |
| 9  |     |    |     |    |     | 15  | 16  | *350201-350203, 3583, 3595                                                                                                        |
| 9  |     |    |     |    |     |     | 16  | *350301, 350302, 3506, 3513, 3536, 3555, 3556, 3559, 3570, 3574, 3575, 3584, 3585, 3598, 3932, 4071, 4410, 5602, 5604, 5611, 5622 |
| 9  | 10  | 11 |     |    | 14  |     | 16  | *3505, 3551                                                                                                                       |
| 9  | 10  | 11 |     |    |     | 15  | 16  | *352001, 352002, 3528                                                                                                             |
|    |     | 11 |     |    |     |     | 16  | *3521                                                                                                                             |
| 9  | 10  | 11 |     |    |     |     | 16  | *3524, 5714                                                                                                                       |
| 9  |     |    |     |    |     |     |     | *3538, 3933, 4502, 8201, 8202, Cw*0434                                                                                            |
|    |     | 11 |     |    | 14  |     | 16  | *3558                                                                                                                             |
|    | w   | 11 |     |    | 14  |     |     | *3566                                                                                                                             |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                          |
| 75 | 150 | 85 | 105 | 90 | 95  | 105 | 160 | Length of spec.                                                                                                                   |
|    |     |    |     |    | 130 | 205 |     | PCR product(s)                                                                                                                    |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                          |
| 9  | 10  | 11 |     |    | 14  | 15  | 16  | *3572                                                                                                                             |
| 9  |     |    |     |    |     | 15  | 16  | *3581                                                                                                                             |

|    |     |    |     |    |     |     |     |                                                                                                                                                                                                                     |
|----|-----|----|-----|----|-----|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |     |    |     |    |     | 15  |     | *370101-370105, 370107, 3703N, 3705, 3708, 3715-3718                                                                                                                                                                |
|    |     |    |     |    |     |     |     | *370106, 3706                                                                                                                                                                                                       |
|    |     |    |     |    |     | 15  | 16  | *3702                                                                                                                                                                                                               |
|    |     |    |     |    |     | 15  |     | *3704                                                                                                                                                                                                               |
|    |     |    |     |    |     | 15  |     | *3707                                                                                                                                                                                                               |
|    |     |    |     |    |     | 15  |     | *3709, 3712, 3719                                                                                                                                                                                                   |
|    |     |    |     |    |     | 15  |     | *3710                                                                                                                                                                                                               |
|    |     |    |     |    |     | 15  |     | *3711, 3714                                                                                                                                                                                                         |
|    |     |    |     |    |     | 15  |     | *3713                                                                                                                                                                                                               |
|    |     |    |     |    |     |     | 16  | *3806, 3807, 5110, 5131, 5181                                                                                                                                                                                       |
|    |     |    |     |    | 14  |     | 16  | *3819, 3903, 3924, 3937, 4807                                                                                                                                                                                       |
|    |     |    |     |    |     |     | 16  | *3909                                                                                                                                                                                                               |
|    | 10  |    |     |    | 14  |     | 16  | *4003                                                                                                                                                                                                               |
|    | 10  |    |     |    |     |     | 16  | *4020, 4038, 4052, 4059, 4060, 4606                                                                                                                                                                                 |
|    |     |    |     |    |     |     |     | *4213                                                                                                                                                                                                               |
| w  |     |    |     |    |     |     |     | *440208                                                                                                                                                                                                             |
| 9  |     |    |     |    |     |     |     | *4406, 5105, 5108, 5120, 5144N                                                                                                                                                                                      |
| 9  |     |    | 12  |    |     |     |     | *4415                                                                                                                                                                                                               |
| 9  |     |    | 12  |    |     |     |     | *4418, 4501, 4504-4507, 5613                                                                                                                                                                                        |
| 9  |     |    |     |    |     | 15  |     | *4483                                                                                                                                                                                                               |
| 9  |     |    | 12  |    |     |     |     | *4503                                                                                                                                                                                                               |
|    | 10  | 11 |     |    | 14  |     | 16  | *4814                                                                                                                                                                                                               |
|    |     |    | 12  |    |     |     | 16  | *490101, 4902, 4906, 500101-5002, 5004-5008, 5625                                                                                                                                                                   |
|    |     |    | 12  |    |     |     | w   | *490102                                                                                                                                                                                                             |
|    |     |    | 12  |    |     | 15  | 16  | *4903                                                                                                                                                                                                               |
|    |     |    |     |    |     |     | 16  | *5009, 9533                                                                                                                                                                                                         |
|    |     |    |     |    |     |     | 16  | *510101-5103, 5106, 5111N, 5112, 5114, 5116-5118, 5121-512402, 5126-5128, 5130, 5132-5135, 5138, 5139, 5141N, 5143, 5148, 5149, 5151, 5152, 5157-5160, 5164-5171, 5174-5177, 5179, 5180, 5183, 5184, 520601, 520602 |
|    |     |    |     |    |     |     | 16  | *5104, 5146, 5156                                                                                                                                                                                                   |
|    |     |    |     |    |     | 15  | 16  | *5107, 520101-520105, 5204, 5205, 5207, 5208, 5211-5213, 5215                                                                                                                                                       |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                            |
| 75 | 150 | 85 | 105 | 90 | 95  | 105 | 160 | Length of spec.                                                                                                                                                                                                     |
|    |     |    |     |    | 130 | 205 |     | PCR product(s)                                                                                                                                                                                                      |
| 9  | 10  | 11 | 12  | 13 | 14  | 15  | 16  | Well No.                                                                                                                                                                                                            |
| 9  |     |    |     |    |     |     | 16  | *510901, 510902, 5119, 5140, 5142, 5173                                                                                                                                                                             |
|    |     |    |     |    |     |     | 16  | *511301, 511302, 5162                                                                                                                                                                                               |
| 9  |     |    | 12  |    |     |     | 16  | *5115                                                                                                                                                                                                               |

|          |           |           |           |           |           |           |           |                                                                                   |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------------------------------------------------------------------|
|          |           |           |           |           |           |           |           | <b>*5129, 5136, 5155, 5161, 5182</b>                                              |
|          |           | <b>11</b> |           |           |           |           | <b>16</b> | <b>*5137, 5145, 5163</b>                                                          |
|          |           |           |           |           |           |           | <b>w</b>  | <b>*5153</b>                                                                      |
| <b>9</b> |           |           |           |           |           |           |           | <b>*5154</b>                                                                      |
|          |           |           |           |           |           |           | <b>w</b>  | <b>*5172</b>                                                                      |
|          |           |           |           |           |           |           | <b>16</b> | <b>*5178</b>                                                                      |
|          |           |           |           |           |           | <b>15</b> | <b>16</b> | <b>*5209</b>                                                                      |
|          |           |           |           |           |           | <b>15</b> | <b>16</b> | <b>*5214</b>                                                                      |
| <b>9</b> | <b>10</b> | <b>11</b> |           | <b>13</b> |           |           | <b>16</b> | <b>*580101, 580102, 5802, 5804, 5807, 5810N-<br/>5816, 5818, 5821, 5823, 5824</b> |
| <b>9</b> | <b>10</b> |           |           | <b>13</b> |           |           | <b>16</b> | <b>*580103</b>                                                                    |
|          |           | <b>11</b> |           | <b>13</b> |           |           | <b>16</b> | <b>*5805</b>                                                                      |
|          |           | <b>11</b> |           | <b>13</b> |           |           | <b>16</b> | <b>*5806, 5819</b>                                                                |
|          |           |           |           | <b>13</b> |           |           | <b>16</b> | <b>*5808</b>                                                                      |
| <b>9</b> | <b>10</b> | <b>11</b> |           | <b>13</b> |           |           | <b>16</b> | <b>*5809</b>                                                                      |
| <b>9</b> | <b>10</b> | <b>11</b> |           | <b>13</b> |           |           | <b>16</b> | <b>*5817N</b>                                                                     |
|          |           |           |           | <b>13</b> |           |           | <b>16</b> | <b>*5820</b>                                                                      |
| <b>9</b> | <b>w</b>  | <b>11</b> |           | <b>13</b> |           |           |           | <b>*5822</b>                                                                      |
|          |           |           |           |           |           | <b>15</b> | <b>16</b> | <b>*7805, 7806</b>                                                                |
|          | <b>w</b>  |           |           |           |           |           |           | <b>A*9288</b>                                                                     |
|          |           |           |           |           |           |           |           | <b>Cw*0312, Cw*0319, Cw*0326</b>                                                  |
|          |           |           |           |           |           |           |           | <b>Cw*0408, Cw*0527, Cw*1515</b>                                                  |
|          |           | <b>w</b>  |           |           |           |           |           | <b>Cw*0620, Cw*0781</b>                                                           |
| <b>9</b> | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> | <b>Well No.</b>                                                                   |