| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HLA-A allele**[1,2,3] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:01:01:01**-11:01:20, 11:01:22-**11:01:43**, 11:01:45-11:01:56, 11:01:58-11:01:61, 11:01:63-11:01:66, 11:82-11:85, 11:87-11:88, 11:91:01-11:93, 11:95, 11:97, 11:103-11:104, 11:107, 11:114, 11:116, 11:119:01-11:119:02, 11:122-11:123, 11:125, **11:126**, 11:132-11:133, 11:136, 11:138, 11:141, 11:144-11:146, 11:148-11:152, 11:160, 11:162, 11:164-11:165, 11:167, 11:169, 11:177, 11:179, 11:181, 11:184-11:188, 11:192, 11:195, 11:197-11:198, 11:200, 11:202-11:207, 11:212-11:214[5] | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:01:21, 11:01:44, 11:01:62 | 1 | | | | | | | | | | 11 | | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:01:57 | 1 | | | | | | | | | | | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:02:01**-11:02:06, 11:77:11:113, 11:140, 11:176[5] | | 2 | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:03** | 1 | | 3 | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 62 | | | Negative Control |
| ***11:04**, 11:130 | 1 | | | 4 | | | | | | | 11 | | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:05** | 1 | | | | 5 | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:06 | 1 | | | | | 6 | | | | | 11 | 12 | | 14 | | | | | | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:07 | 1 | | | | | 6 | | | | | 11 | 12 | | 14 | | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:08** | 1 | | | | | | 7 | | | | | 12 | | 14 | | | | | | | | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:09**, **11:196**[4] | 1 | | | | | | | 8 | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:10** | 1 | | | | | | | | | 10 | 11 | 12 | | 14 | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:11 | 1 | | | | | | | | | | 11 | 12 | 13 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:12** | 1 | | | | | | | | | | 11 | 12 | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:13**, **11:117**[4] | 1 | | | | | | | | | | 11 | 12 | | 14 | | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:14 | | 2 | | | | | | | | | 11 | 12 | | 14 | | | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:15:01** | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:15:02 | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:16 | | 2 | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | |
| *11:17 | | | | | | | | | | | 11 | 12 | | | | | | | | 20 | 21 | | | | | | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:18 | | | | | | 6 | | | | | 11 | 12 | | | | | | | | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:19**, 11:98 | | | | | | | | | | | 11 | 12 | | | | | | | | | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:20** | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *11:21N | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:22 | 1 | | | | | 6 | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:23** | 1 | | | | | | | | | | | 12 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | |
| ***11:24:01** | 1 | | | | | | | | | | | 12 | | 14 | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:24:02 | 1 | | | | | | | | | | | 12 | | 14 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Well No.** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
| **Well No.** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
| *11:25 | 1 | | | | | | | | | | | 12 | | 14 | 15 | | | | | | | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:26 | 1 | | | | | | | | | | | | | 14 | | 16 | | | | | | | | | | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:27 | 1 | | | 4 | | | | | 9 | | 11 | | | 14 | | | | | | | | | | | | | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:29** | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***11:30** | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *11:31 | 1 | | | | | | | | | | | 12 | | 14 | 15 | | | | | | | | | | | | | | | | | 32 | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | |
| ***11:32** | 1 | | | | | | | | | | 11 | 12 | | 14 | | | | | | | | | | | | | | | | | | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
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| *03:01:09, 03:161N, 03:206 | | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:01:23, 03:08, 03:36N, 03:57, 03:107-03:108, 03:111, 03:142, 03:152, 03:172-03:173, 03:176, 03:178N, 03:199, 03:203, 03:211, 03:219, 30:89, 32:04 | | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:01:30, 03:01:50, 03:40, 03:98, 03:105 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:01:38 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | 23 | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:01:49, 03:75, 03:95, 03:177, 03:204, 03:215, 74:13 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | |
| *03:02:01-03:02:04, 03:10, 03:31, 03:73, 03:76, 03:82, 03:90, 03:106, 03:160 | 1 | | | 4 | | | | | | | 11 | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | |
| *03:04:01-03:04:03 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | 54 | | | | | | 60 | | 62 | | | |
| *03:07, 03:133 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | 32 | | | | | | | | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:18 | 1 | | | | | | 7 | | | | | 12 | | | 15 | w | | | | | | | | | | | 27 | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:21N | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | 24 | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:22:01-03:22:02 | 1 | | 3 | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:23:01-03:23:02 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | 43 | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:24 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:32 | | | | 4 | | | | | | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | | | |
| *03:41 | | | | 4 | | | | | | | | | | | 15 | | | | | | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:42 | 1 | | 3 | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | 32 | | | | | | | | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:50 | 1 | | | 4 | | | 7 | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:63 | 1 | | | 4 | | | | | | | | | | 14 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:65, 03:69N | 1 | | | 4 | | | | | | | 11 | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:66, 03:153 | 1 | | | 4 | | | 7 | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:78 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | 52 | | | | | | | | | 62 | | | |
| *03:87 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | 31 | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:88 | 1 | | | 4 | | | | | | | | | | 14 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:89 | | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:97, 03:122 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | 27 | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:113 | 1 | | | 4 | | | | | | | 11 | | | | w | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | |
| *03:123:01 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | 49 | | | | | | | | | | | | 62 | | | |
| *03:123:02 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | 23 | | | | | | | | | | | | | | | | | 40 | | | | | | | | 49 | | | | | | | | | | | | 62 | | | |
| *03:135 | 1 | | 3 | | | | 7 | | | | | 12 | | | 15 | w | | | | | | | | | | | 27 | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | 56 | | | | 61 | | | |
| *03:154 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | 32 | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:167 | 1 | | | 4 | | | | | | | 11 | | | | 15 | | | | | | | | | | | | 27 | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:171 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | 32 | | | | | 37 | | | 40 | 41 | | | | | | | 49 | | | | | | | | | | | | | | |
| *03:174 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | 36 | | | | 40 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:182 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | 53 | | | | | | | | | 62 | | | |
| *03:187 | 1 | | | 4 | | | 7 | | | | | | | | 15 | | | | | | | | | | | | 27 | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
| *03:191 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 41 | | | | | | | | | | | | | | | | | | | | | 62 | | | |
| *03:198 | | | | 4 | | | | | | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | | 43 | | | | | | | | | | | | | | | | | | | | | | | |
| *03:208 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | 55 | | | | | | 62 | | | |
| *03:210 | 1 | | | 4 | | | | | | | | | | | 15 | | | | | | | | | | 25 | | | | | | | | | | | | | | | 40 | | | | | | | 48 | | | | | | | | | | | | | | 62 | | | |
| *03:218 | 1 | | | 4 | | | | | | | 11 | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 41 | | | | | | | | 50 | | | | | | | | | | | | | | | |
| *23:07N, 24:11N | | | | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *23:10, 24:46 | | | | | | | | | | | | | | | | w | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Negative Control

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| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
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| *30:35, 30:54, 30:86-30:87 | | | | 4 | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *30:39 | | | 3 | 4 | | | | | | | | | | | 15 | | 17 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *30:51 | | | 3 | 4 | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *30:55 | 1 | | 3 | 4 | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | | | |
| *30:75 | | | 3 | 4 | | | | | | | | | | | 15 | | 17 | | | | | | | | | | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *30:92 | | | 3 | 4 | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *31:03 | | | 3 | 4 | | | | | | 10 | | | | | 15 | | | | | | 21 | | | | | | | | | | 31 | 32 | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | | | |
| *31:65, *B*44:36* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *33:13 | | | | | | | | | | 10 | | | | | | | | | | | 21 | | | | | 26 | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *33:49 | | | 3 | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | 32 | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | | | |
| *33:61 | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *33:70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | | |
| *34:01:01-34:01:02, 34:05, 34:11 | 1 | | | | | | | | | 10 | | | | w | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *34:02:01, 34:02:03-34:02:04, 34:04, 34:10N | 1 | | w | 4 | | | | | | 10 | | | | 14 | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | |
| *34:02:02 | 1 | | w | 4 | | | | | | 10 | | | | 14 | | | | | | | | | | | 25 | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | |
| *34:03 | 1 | | 3 | 4 | | | | | | 10 | | | | 14 | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | |
| *34:06, 66:01:01-66:01:03, 66:04, 66:06-66:07, 66:09-66:10, 66:14, 66:18-66:20, 66:22, 69:02 | 1 | | | | | | | | | 10 | | | | 14 | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *34:07 | 1 | | w | 4 | | | | | | 10 | | | | | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | |
| *34:08 | 1 | | w | 4 | | | | | | 10 | | | | 14 | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | 62 | |
| **Well No.** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
| **Well No.** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | |
| *34:09 | 1 | | w | 4 | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | |
| *34:12 | 1 | | | | | | | | | 10 | | | | w | | | | | | | | | | | | 26 | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *43:01 | | | | | | | | | | | | | 13 | | | | | | | 20 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *66:05, 66:15 | | | | | | | | | | 10 | | | | | | | | | | | 21 | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *66:08 | 1 | | | | 5 | | | | | 10 | | | | 14 | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *66:11 | | | | | | | | | | 10 | | | | 14 | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *66:13 | 1 | | | | | | | | | 10 | | | | 14 | | | | | | | | | | | | | | | 29 | | | | | | | | | 38 | | | | | | | | | | | | | | | | | | | 58 | | | | | |
| *66:17 | 1 | | | | | | | | | 10 | | | | 14 | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | 52 | | | | | | | | | |
| *68:01:18, 68:24, 68:40, 68:72, 68:85, 68:93, 68:97, 68:123 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:01:29, 68:57, 68:92 | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:15 | | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:30, 68:75:01-68:75:02 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | | | | | | |
| *68:42, 68:54, 68:61 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | w | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:63 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | 23 | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:71 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | |
| *68:94N | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | 27 | | 29 | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:103:01-68:103:02 | 1 | | | 4 | | | 7 | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | 32 | | | | | 37 | | | | w | | | | | | | | | 49 | | | | | | | | | | | | | |
| *68:127 | 1 | | | | | | | | | | | | | | w | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *68:130 | 1 | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *80:01:01:01-80:02 | | | | | | | | | | | | | | | | | 17 | | | | 21 | | | | 25 | | 27 | | | | | | | | | | | | 39 | | | | | | | | | | | | | | | 54 | 55 | | | | | | | | | |
| *80:03 | | | | 4 | | | | | | | | | | | | | 17 | | | | 21 | | | | 25 | | 27 | | | | | | | | | | | | 39 | | | | | | | | | | | | | | | 54 | | | | | | | | | |
| *B*07:111N* | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *B*07:117* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | | | | | | | | | | | | | |
| *B*15:90, B*45:05* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | w | | | | | | |
| *B*39:75, B*40:268* | | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *C*04:129, C*05:25, C*05:42, C*06:05, C*06:67, C*07:101, C*07:148, C*07:161, C*08:28* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | | | | | | | | | | | | | | | 54 | | | | | | | | | |

Negative Control

Negative Control

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