| Allele[1,2,3] | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| ***01:02:01:01**-01:02:63, 01:15:02, 01:46-01:48, 01:51, 01:53, 01:57, 01:60-01:65, 01:68, 01:71-01:72, 01:75-01:76, **01:81**, 01:87-01:88, 01:90-01:92, 01:94-01:96, 01:100, 01:104-01:106, 01:108, 01:110, 01:112-01:113, 01:115-01:116, 01:119, 01:122, 01:124, 01:126-01:127, 01:129-01:130, 01:132-01:136, 01:138-01:140, 01:142, 01:144, 01:147-01:151, 01:153, 01:155, 01:159, 01:161-01:167, 01:170-01:175, 01:178-01:184[5] | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | | Negative Control |
| ***01:03**, 01:78, 01:146:02 | | 2 | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| *01:04 | | | 3 | | | | | 8 | | | | | 13 | | | | | | | | | | 23 | | | | | | | | | | |
| *01:05 | | | | 4 | | | | | | | | | 13 | | | | | | | | | 22 | | | | | | | | | | | |
| ***01:06**, 01:38[6] | 1 | | | | 5 | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| *01:07:01-**01:07:02** | 1 | | | | | 6 | | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| ***01:08** | 1 | | | | | | 7 | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| *01:09:01-01:09:02 | 1 | | | | | | | 8 | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| ***01:10**, **01:52**[6] | 1 | | | | | | | | 9 | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| *01:11 | 1 | | | | | | | | | 10 | | | 13 | | | | | | | | | | | | | | | | | | | | |
| ***01:12:01**-01:12:02, 01:97, 01:101-01:102, 01:114:01-01:114:02 | | | | | | | | | | | 11 | | 13 | | | | | | | | | | | | | | | | | | | | |
| ***01:13** | 1 | | | | | | | | | | | 12 | 13 | | | | | | | | | | | | | | | | | | | | |
| *01:14 | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | 27 | | 29 | | 31 | | |
| *01:15:01 | 1 | 2 | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| ***01:16** | 1 | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | 25 | | | | | | | | |
| ***01:17, 01:41,** 01:128, 01:157[6] | 1 | | | | | | | | | | | | 13 | 14 | | | | | | | | | | | | | | | | | | | |
| ***01:18**, 01:42[6] | 1 | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | | | | | | | | | |
| *01:19, 01:43, **01:58**[6] | 1 | | | | | | | | | | | | 13 | | | 16 | | | | | | | | | | | | | | | | | |
| *01:20 | 1 | | | | 5 | | 7 | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| ***01:21,** 12:215[4] | | | | | | | | | | | | | 13 | 14 | | | | | | | | | | | | | | | | | | | |
| ***01:22**, 01:160 | 1 | | | | | | | 8 | | 10 | | | 13 | | | | | | | | | | | | | | | | | | | | |
| *01:23 | 1 | | | | | | | | | | | | 13 | 14 | | 16 | | | | | | | | | | | | | | | | | |
| *01:24 | | 2 | | | | | | | | | | | 13 | | | | 17 | | | | | | | | | | | | | | | | |
| *01:25 | 1 | | | | | | | | | | | | 13 | | | | 17 | | | | | | | | | | | | | | | | |
| ***01:26**, 01:145N[6] | 1 | | | | | | | | | | | | 13 | | | | | 18 | | | | | | | | | | | | | | | |
| ***01:27**, **01:45**[6] | 1 | | | | | | | | | | | | 13 | | | | | | 19 | | | | | | | | | | | | | | |
| *01:28, 01:56N[6] | 1 | | | | | | | | | | | | 13 | | | | | | | 20 | | | | | | | | | | | | | |
| *01:29, 01:33[6] | 1 | | | | | | | | | | | | 13 | | | | | | | | 21 | | | | | | | | | | | | |
| ***01:30** | 1 | | | | | | | | | 10 | | | 13 | | | | | | 19 | | | | | | | | | | | | | | |
| *01:31, **01:44**, **01:107**, 01:141[6] | 1 | | | | | | | | | | | | 13 | | | | | | | | | | 23 | | | | | | | | | | |
| ***01:32:01**-01:32:02, **01:40**[6] | 1 | | | | | | | | | | | | 13 | | | | | | | | | 22 | | | | | | | | | | | |
| ***01:34** | | | | | | | | | | | 11 | | 13 | | | | | 18 | | | | | | | | | | | | | | | |
| *01:35 | 1 | | | | | | | 8 | | 10 | | | 13 | | | | | | | | | | 23 | | | | | | | | | | |

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| *01:36, 01:55 | | | | | | | | | | | | | 13 | | | | | 18 | | | | 22 | | | | | | | | | | |
| *01:37N | | | | | | 6 | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| *01:39, 01:137N[6] | 1 | | | | | | | | | | 11 | | 13 | | | | | | | | | | | | | | | | | | | |
| ***01:49:01** | | | | | | | | | | | | | 13 | | | | | 18 | | | | | | | | | | | | | | |
| *01:49:02, 01:158, 03:416, *B*54:18*[4] | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| ***01:50**, 01:120[5] | | | | | | | | | | | | | 13 | | | | | | | | | 22 | | | | | | | | | | |
| ***01:54**, 01:176 | | | | | | | | | | | | | 13 | | | | | | | | | | 23 | | | | | | | | | |
| ***01:59**, 01:118 | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | 27 | | 29 | | | |
| ***01:66** | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | 24 | | | | | | | | |
| ***01:67** | 1 | | | | | | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:69N | 1 | | | | | | | | | | | | 13 | 14 | | | | | | | 21 | | | | | | | | | | | |
| ***01:70**, **01:99**[6] | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | 25 | | | | | | | |
| *01:73 | 1 | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | |
| ***01:74** | 1 | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | |
| *01:77 | | | | 4 | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| *01:79:01-01:79:02, 01:131 | | | | | | | | | | | 11 | | 13 | | | | | | | | | 22 | | | | | | | | | | |
| *01:80 | 1 | | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | |
| *01:82 | 1 | | | | | | | | | | | 12 | 13 | | | | 17 | | | | | | | | | | | | | | | |
| *01:83 | 1 | | | | | 6 | | | 9 | | | | 13 | | | | | | | | | | | | | | | | | | | |
| **Allele[1,2,3]** | 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 |
| **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 |
| *01:84 | 1 | | | | | | | | | | | 12 | 13 | | | | | | | 20 | | | | | | | | | | | | |
| *01:85 | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | 27 | | | | | |
| *01:86N | | | | | | | | | | | | | 13 | | | | | | | | | | | 24 | | | | | | | | |
| *01:89N, 01:109N[6] | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | 29 | | | |
| ***01:93**, 01:121Q[6] | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | 30 | | |
| *01:98N | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| ***01:103** | 1 | | | | | | | | | | | | 13 | | | | | | | | | | 23 | 24 | | | | | | | | |
| *01:111N | 1 | | 3 | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| *01:117N | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 26 | | | | | 31 | |
| *01:123, 01:125, 01:156, 01:168-01:169:02, 01:177, 03:86, 03:94[4] | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:143N | 1 | | | | | | | 8 | | | | | 13 | | | | | | | | | | | 24 | | | | | | | | |
| *01:146:01 | | 2 | | | | | | | | | | | 13 | | | | | 18 | | | | | | | | | | | | | | |
| *01:152 | | | | | | | | | | | | | 13 | 14 | | | | | | | | | 23 | | | | | | | | | |
| *01:154 | 1 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | 31 | |
| *02:51, 03:87:01-03:87:02, 03:414, 04:223:01-04:223:02, 04:387, 05:09:01-05:09:03, 05:17, 05:52, 05:201, 05:206, 07:130, 08:15:01-08:15:02, 08:51, 12:144, 12:185, 16:27, *B*15:33, B*15:248* | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | | | | |
| *02:178, 03:357, 03:376, 03:452, 04:277, 05:212, 06:266, 08:22:01:01-08:22:01:02, 08:56, 08:102, 08:154, 08:178, 12:290, 15:29, 15:87, 16:133 | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | | | | | |
| *03:03:10, 03:04:28, 04:01:11, 06:02:21, 07:01:58, 07:02:36, 12:03:36, 16:01:19, *A*01:01:33, A*02:01:29, A*03:01:42, A*11:01:40, A*24:07:02, A*26:01:09, A*32:01:09, A*33:01:07, A*68:01:06, B*07:02:21, B*13:02:03, B*14:02:21, B*15:01:39, B*27:05:06, B*35:08:07, B*37:01:18, B*40:01:10, B*40:02:11, B*44:02:37, B*44:03:08, B*51:01:24, B*58:01:27, B*73:01-73:02, B*82:02:02* | | | | | | | 7 | | | | | | | | | | | | | | | | | | | | | | | | | Negative Control |
| *03:58, 07:364 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:59, 03:123, 06:157, 12:248, 15:167, *B*15:513* | | | | | | | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| *03:213 | | | | | | | | | | | | 12 | | | | | | | | 20 | | | | | | | | | | | | |
| *03:302 | 1 | | | | | | | 8 | | 10 | | | | | | | | | | | | | 23 | | | | | | | | | |
| *04:37, 05:85 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 27 | | 29 | | | |
| *04:240, 05:111, 05:207, 07:37, 07:307, 07:755, *B*07:77, B*07:193* | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *05:107, 06:204, 15:102 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | | 29 | | | |
| *05:200 | | | | | | | | | | | | | 13 | | | 16 | | | | | | | | | | | | | | | 31 | |
| *06:23 | | | | | | | | 8 | | | | | | | | | | | | | | | 23 | | | | 27 | | 29 | | | |
| *06:43:01, 14:24:02, 14:35N, 16:132N, *A*03:356* | | | | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *06:110, B*08:230* | | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | |
| *06:179 | 1 | | | | | | | 8 | | | | | | | | | | | | | | | | | | | 27 | | 29 | | | |
| *07:177, B*54:38* | 1 | | | | | | | 8 | | 10 | | | | | | | | | | | | | | | | | | | | | | |
| *07:316, 07:338, 07:579 | | | | | | | | | | | | | 13 | 14 | | 16 | | | | | | | | | | | | | | | | |
| *12:178 | | | | | | | | 8 | | | | | | | | | | | | | | | 23 | | | | | | | | | |
| *14:45, 16:18 | | | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | |
| *15:37 | 1 | | | | | | | 8 | | 10 | | | | | | | | | | | | | | | | | 27 | | 29 | | | |
| *15:104 | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | 31 | |
| *A*01:24* | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | |
| *A*24:112, A*24:414, B*44:322* | | | | | | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | |
| *B*13:102, B*51:129* | | | | | | | | | | | | | | | 15 | | | | | | | | | | 25 | | | | | | | |
| *B*15:393, B*46:60* | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | |
| *B*40:243* | 1 | | | | | | | 8 | 9 | 10 | | | | | | | | | | | | | | | | | | | | | | |
| **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 |