| Well No. | DR | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRB1 allele[1,2] | ser[3] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:01:01-01:02:09, 01:04-01:38, 01:40N-01:41, 01:43-01:60 | DR1, Null, - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:03, 01:39N | DR103/DR1, Null | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:42 | - | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:01:01-03:01:22, 03:04:01-03:05:03, 03:09, 03:11:01, 03:13:01-03:16, 03:18-03:20, 03:22-03:23, 03:25, 03:28, 03:30, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:59, 03:61-03:63, 03:66-03:68N, 03:70-03:73, 03:77-03:79, 03:81, 03:83-03:84, 03:86, 03:89, 03:91, 03:93 | DR17, DR3, Null, - | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *03:02:01-03:03, 03:27, 03:38, 03:53, 03:74, 03:88, 03:90 | DR18, DR3, - | | | | | 5 | | 7 | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| *03:06, 03:26, 03:31, 03:60, 03:75, 03:80, 03:82, 03:85 | DR3, - | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| *03:07, 03:21, 03:24, 03:32, 03:39-03:40, 03:49, 03:94 | DR3, - | | | | | 5 | | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *03:08, 03:65 | DR3, - | | | | | 5 | 6 | | | | | 11 | | 13 | | | | | | | | | | | | | 26 | | | | | | | |
| *03:10 | DR3 | | | | | 5 | 6 | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | | | | | | | |
| *03:12 | DR3 | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | 24 | | 26 | | | | | | | |
| *03:17, 03:35, 03:41 | DR3, - | | | | | 5 | | | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| *03:29 | DR3 | | | | | 5 | | 7 | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *03:42, 03:69, 03:87 | - | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:46, 03:64 | - | | | | | 5 | 6 | | | | | | | | | | | | | | | | | | | | 26 | | | | | | | |
| *03:76 | - | | | | | | 6 | | | | | | 12 | | | 15 | | 17 | | | | | | | | | 26 | | 28 | | | | | |
| *03:92 | - | | | | | 5 | 6 | | | | | | | | | | | | | | | 21 | | 23 | | | | | | | | | | |
| *04:01:01-04:05:11, 04:05:13-04:11:03, 04:13-04:17:02, 04:19-04:24, 04:26-04:57, 04:59-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:121, 04:123-04:145, 04:147-04:172 | DR4, DR4/DR3, Null, - | | | | | | | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | Negative Control |
| *04:12, 04:18, 04:25, 04:58 | DR4 | | | | | | | | 8 | | | | | | | | | | | | | | 22 | | | | | | | | | | | |
| *04:62, 04:69, 04:73, 04:105:01-04:105:02, 04:122, 04:146 | DR4, - | | | | | | | | 8 | | | | | | | | | | 18 | | | | | | | | | | | | | | | |
| *07:01:01:01-07:01:07, 07:03-07:29 | DR7, Null, - | | | | | | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| *08:01:01-08:02:04, 08:05, 08:16, 08:24, 08:26, 08:39, 08:42-08:44, 08:50 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | | | | | | | | | | | | |
| *08:03:02-08:03:04, 08:13, 08:18, 08:23, 08:27, 08:29-08:30:03, 08:33, 08:36:01, 08:38, 08:46-08:49, 08:51 | DR8, - | | | | | | | | | | 10 | | | | | | | | | | | 21 | | | | | | | | | | | | |
| *08:04:01, 08:04:04-08:04:05, 08:04:07, 08:06, 08:22, 08:54 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | 22 | | | | | | | | | | | |
| *08:04:02-08:04:03 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | w | | | | | | | | | | | |
| *08:04:06 | - | | | | | | | | | | 10 | | | | | | 16 | | | | | | 22 | | | | | | | | | | | |
| *08:07, 08:11, 08:52 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | | | | | | | | | | | | | |
| *08:08 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | 18 | | | | | | | | | | | | | | | |
| *08:09 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | 20 | 21 | | | | | | 27 | | | | | | |
| *08:10, 08:12 | DR8 | | | | | | | | | | 10 | | | | | | | | | | | 21 | 22 | | | | | | | | | | | |
| *08:14 | DR8 | | | | | | | | | | 10 | | | | | | | | | | | | 22 | | | | | | | | | | | |
| *08:15, 08:19, 08:25, 08:34 | DR8, - | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | | | | | | | |
| *08:17 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | | 23 | | | | | | | | | | |
| *08:20 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | | 27 | | | | | | |
| *08:21 | DR8 | | | | | | | | | | 10 | | | | | 15 | 16 | | | | 20 | 21 | | | | | | 27 | | | | | | |
| *08:28 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | 22 | 23 | | | | | | | | | | |
| *08:31, 08:41 | DR8/DR11, - | | | | | | | | | | 10 | | | 13 | | | 16 | | | | | | | | | | | | | | | | | |
| *08:32, 08:53 | - | | | | | | | | | | 10 | | | | 14 | | | | | | 20 | 21 | | | | | | | | | | | | |
| *08:35 | - | | | | | | | | | | 10 | | | | | | | | | | 20 | 21 | | | | | | 27 | | | | | | |
| *08:36:02 | - | | | | | | | | | | 10 | | | | | | | | | | 20 | 21 | | | | | | | | | | | | |
| *08:37, 08:45 | - | | | | | | | | | | 10 | | | | | | | | | | | 21 | | 23 | | | | | | | | | | |
| *08:40 | - | | | | | | 6 | | | | 10 | | | | | | | | | | | 21 | | | | | | | | | | | | |
| *09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:22 | DR9, - | | | | | | | | | | | 11 | | | | | | | | 19 | | | | | | | | | | | | | | |
| *09:01:06, 09:03 | DR9 | | | | | | | | | | | 11 | | | | | | | | | | | | | | | | | | | | | | |
| *10:01:01-10:07 | DR10, - | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | | | | | |
| Well No. | DR | 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. | DR | 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 | |

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| *11:01:01-11:01:06, 11:01:08-11:01:17, 11:01:20-11:01:21, 11:04:01-11:04:11, 11:06:01-11:06:03, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:29, 11:32-11:33, 11:35, 11:38-11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01-11:49:02, 11:51, 11:54:01-11:54:02, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84:01-11:84:03, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117, 11:120-11:121, 11:123, 11:126, 11:128-11:129, 11:133-11:134, 11:137, 11:140-11:141, 11:144, 11:146-11:147:01, 11:150, 11:152 | DR11, - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | | Negative Control |
| *11:01:07, 11:30, 11:37:01-11:37:02, 11:50, 11:56, 11:88, 11:145 | DR11, - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | | | | | | |
| *11:01:18-11:01:19, 11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57, 11:130 | DR11, - | | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | |
| *11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:21, 11:36, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:85-11:86, 11:93, 11:124, 11:127, 11:138-11:139, 11:151 | DR11, - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | |
| *11:05 | DR11 | | | | | | | | | | | | | 13 | | | 16 | | | | | | | | | | | | | | | | |
| *11:07, 11:53, 11:103, 11:105, 11:125 | DR11, - | | | | | 5 | | | | | | 11 | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *11:13:01-11:13:02 | DR11 | | | | | | | w | | | | | | 13 | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *11:16, 11:20, 11:40, 11:118, 11:122 | DR11/DR13, - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | |
| *11:17, 11:52 | DR14, DR11 | | | | | | | | | | | | | 13 | | | | | | 19 | 20 | | | | | | | 27 | | | | | |
| *11:22, 11:104 | - | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| *11:23:01-11:23:02 | DR11, - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:25 | DR11 | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *11:26, 11:34 | DR11 | | | | | | | 7 | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *11:31 | DR11 | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | | | | | 26 | | | | | | |
| *11:41, 11:48 | DR11 | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | | | | | | |
| *11:45, 11:64 | DR11, - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:55 | DR11 | | | | | | | | | | | | | 13 | | | 16 | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:59 | DR11 | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | |
| *11:67 | - | | | | | | | | | | 10 | | | 13 | | | 16 | | | | | | 22 | 23 | | | | | | | | | |
| *11:69, 11:82 | - | | | | | | | | | | | | | 13 | | | 16 | | 18 | | | | | | | | 26 | | | | | | |
| *11:73, 11:79, 11:131-11:132, 11:153 | - | | | | | | 6 | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | |
| *11:80, 11:87, 11:135, 11:142 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | |
| *11:83 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | | | | | | | | |
| *11:89 | - | | | | | | | | | | | | | 13 | | | | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:96, 11:148 | - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | | | | | 26 | | | | | | |
| *11:98, 11:136, 11:143 | - | | | | | | | | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *11:107 | - | | | | | 5 | | | | | | 11 | | 13 | | | | | | | | | | | | | | | | | | | |
| *11:119 | - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *11:149 | - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | 27 | | | | | |
| *12:01:01-12:01:05, 12:03:02-12:03:03, 12:05-12:08, 12:10-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:36, 12:40-12:41 | DR12, Null, - | | | | | | | | | | | | | | 14 | | | | | | | | | 23 | | | | | | | | | |
| *12:02:01-12:02:05, 12:13, 12:15, 12:18-12:20, 12:23, 12:26-12:27, 12:31N-12:33, 12:37, 12:43-12:44 | DR12, Null, - | | | | | | | | | | | | | | 14 | | 16 | | | | | | | 23 | | | | | | | | | |
| *12:04, 12:22, 12:39 | DR12, - | | | | | | | | | | 10 | | | | 14 | | | | | | | | | 23 | | | | | | | | | |
| *12:09 | DR12 | | | | | | | | | | | | | | 14 | | | | | | | 21 | | 23 | | | | | | | | | |
| *12:16:01-12:16:03 | - | | | | | | | | | | 10 | | | | 14 | | 16 | | | | | | | 23 | | | | | | | | | |
| *12:21, 12:42 | - | | | | | | | | | | | | | | 14 | | 16 | | | | | | | | | | | | | | | | |
| *12:38 | - | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** |
| *13:01:01-13:01:08, 13:01:10-13:02:01, 13:02:03-13:02:09, 13:16, 13:20, 13:28-13:29, 13:31, 13:34, 13:39, 13:51-13:52, 13:59, 13:61:01-13:61:02, 13:63-13:64, 13:68-13:69, 13:73-13:74, 13:78-13:80, 13:83, 13:87, 13:91-13:92, 13:96:01-13:97:01, 13:98-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 13:121, 13:123-13:128, 13:130-13:131, 13:138, 13:140-13:143, 13:145, 13:147-13:148, 13:153, 13:155, 13:166, 13:168 | DR13, Null, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | |

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| *13:01:09, 13:35-13:36, 13:40, 13:72, 13:76, 13:84, 13:135 | DR13, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | | | | | | |
| *13:02:02 | DR13 | | | | | | 6 | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *13:03:01-13:03:06, 13:33:01-13:33:03, 13:81, 13:88-13:90, 13:94:01-13:95, 13:101, 13:115, 13:133, 13:151-13:152 | DR13, - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | | | | | |
| *13:04, 13:75 | DR13, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:05:01-13:05:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:42, 13:46, 13:50:01-13:50:02, 13:62, 13:100, 13:132, 13:136, 13:150 | DR13, DR6, DR11, - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:06, 13:25, 13:56, 13:77, 13:82, 13:110, 13:157, 13:163 | DR13, DR11, DR6, - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | | | | | |
| *13:07:01-13:07:02 | DR13 | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | |
| *13:08 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | 27 | | | | | |
| *13:09 | DR13 | | | | | | | | | | | | | | | | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:10 | DR13 | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | 28 | | | | |
| *13:12:01-13:12:03, 13:58, 13:118, 13:134, 13:161 | DR13, - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | | | | | |
| *13:13 | DR13 | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | | 27 | | | | | |
| *13:15, 13:57, 13:104 | DR13, - | | | | | | 6 | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | |
| *13:17 | DR13 | | | | | | 6 | | | | | | | | | | 16 | | | | | 21 | | 23 | | | | | | | | | |
| *13:18 | DR13 | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *13:19, 13:53 | DR13 | | | | | | 6 | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | | | | | | |
| *13:21:01-13:21:02, 13:169 | DR13/DR11, - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:22-13:24, 13:54, 13:97:02, 13:162 | DR13, DR11, DR14, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:26:01-13:26:02 | DR14, - | | | | | | | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | |
| *13:27, 13:41, 13:71 | DR13 | | | | | | 6 | | | | | | 12 | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | |
| *13:30 | - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:32, 13:65 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | 25 | | | | | | | |
| *13:37 | DR13 | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | |
| *13:38, 13:48 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | | | | | | | |
| *13:43 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | | | 19 | 20 | | | | | 25 | 26 | | | | | | |
| *13:44, 13:86 | - | | | | | | | 7 | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *13:45 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | 26 | | | | | | |
| *13:47 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | | 27 | | | | | |
| *13:49, 13:108 | DR6, - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | | | | | | | |
| *13:55 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | 24 | | | 27 | | | | | |
| *13:60 | DR6 | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | |
| *13:66:01-13:66:02 | DR13, - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:67, 13:103, 13:160 | DR13, - | | | | | | | | | | | | | | | 15 | 16 | | | | | | | | | 25 | | | | | | | |
| *13:70, 13:149 | DR13, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | |
| *13:85 | - | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | | | | | | | | | | 28 | | | | |
| *13:93, 13:139 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | 25 | 26 | | | | | | |
| *13:116 | - | | | | | | 6 | | | | | | | | | | 16 | | | | | 21 | | | | | | | | | | | |
| *13:119 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | | | 26 | 27 | | | | | |
| *13:120 | - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | 28 | | | | |
| *13:122 | - | | | | | | 6 | | | | | | | | | 15 | | | | | | | | | 24 | | | | | | | | |
| *13:129 | - | | | | | | 6 | | | | | | 12 | | | | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:137N | Null | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | | | | | |
| *13:144 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *13:146 | - | | | | | | | | | | | | | | | | 16 | 17 | | | 20 | | | | | | 26 | 27 | | | | | |
| *13:154 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | 26 | 27 | | | | | |
| *13:156 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *13:158 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | 26 | 27 | | | | | |
| *13:159 | - | | | | | | 6 | | | | | | | | | 15 | 16 | | | 19 | 20 | | | | | 25 | | | | | | | |
| *13:164 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | 24 | | | 27 | | | | | |
| *13:165 | - | | | | | | 6 | | | | | | | | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | |
| *13:167 | - | | | | | | 6 | | | | | | | | | | | 17 | | | | | | | 24 | | | | | | | | |
| Well No. | DR | 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. | DR | 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 |
| *14:01:01-14:01:02, 14:01:04, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:38-14:39, 14:50, 14:54:01, 14:54:03-14:55, 14:60-14:62, 14:70-14:71, 14:75, 14:86-14:88, 14:90, 14:99, 14:101, 14:110, 14:112-14:114, 14:117-14:118, 14:120, 14:122, 14:124-14:125, 14:129, 14:131, 14:139-14:140, 14:142-14:143, 14:145 | DR14, DR1404/DR14, - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:01:03, 14:08, 14:23:02, 14:34, 14:54:02, 14:92N, 14:97, 14:130, 14:133 | DR14, Null, - | | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:02:01, 14:06:01-14:06:03 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | | 28 | | | | |

Negative Control

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| *14:03:01-14:03:02, 14:40, 14:67, 14:77, 14:102, 14:115, 14:135 | DR1403/DR14, DR6, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | | | | | | 27 | | | | | Negative Control |
| *14:05:01-14:05:04, 14:14, 14:23:01, 14:23:03-14:23:04, 14:36, 14:43-14:45, 14:56, 14:59, 14:91, 14:96, 14:100, 14:103, 14:123, 14:127:01-14:127:02 | DR14, - | | | | | | | | | | | | | | | | | 17 | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:09, 14:29, 14:47-14:48, 14:51, 14:80, 14:83, 14:106, 14:108, 14:121 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | ? | 28 | | | | |
| *14:11 | DR14 | | | | | | | | | | 10 | | | | | | | | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:12:01-14:12:02 | DR14, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | | 27 | | | | | |
| *14:13 | DR14 | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | 24 | | | | 28 | | | | |
| *14:15 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | 20 | 21 | 22 | | | | | 27 | | | | | |
| *14:16 | DR6 | | | | | | 6 | | | | | | | | | 15 | 16 | | 18 | 19 | 20 | | | | | 25 | | ? | | | | | |
| *14:17, 14:30, 14:33 | DR6 | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | 26 | ? | 28 | | | | |
| *14:18, 14:81 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:19, 14:109 | DR14, - | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | w | | | | | | | | ? | 28 | | | | |
| *14:20, 14:41, 14:94 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | ? | | | | | |
| *14:21 | DR14 | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | w | | | | | | | 26 | | 28 | | | | |
| *14:22, 14:105 | DR14, - | | | | | | | | | | | | | | | 15 | 16 | | 18 | 19 | 20 | | | | | | | ? | | | | | |
| *14:24 | DR14 | | | | | | | 7 | | | | | | | | | 16 | 17 | | | | | | | | | | ? | | | | | |
| *14:25 | DR6 | | | | | | | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | | ? | | | | | |
| *14:27 | DR14 | | | | | | | 7 | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:32:01-14:32:02 | DR14 | | | | | | | w | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:32:03 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | | | | | | |
| *14:35 | DR14 | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:37 | DR14 | | | | | | | | | | | | | | | | 16 | 17 | 18 | | | | | | | | | ? | | | | | |
| *14:42 | - | | | | | | | | | | | | | | | | | 17 | | | 20 | | | | | | 26 | 27 | | | | | |
| *14:46 | DR14 | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | 28 | | | | |
| *14:49, 14:119, 14:146 | DR14, - | | | | | | | 7 | | | | | | | | | | | 18 | 19 | 20 | | | | | | | ? | | | | | |
| *14:52 | DR14 | | | | | | | | | | | | | | | | | | | 19 | | 21 | | | | | | ? | 28 | | | | |
| *14:53, 14:128 | DR13/14, - | | | | | | | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | 26 | ? | | | | | |
| *14:57 | DR4/DR6 | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | 25 | | 27 | | | | | |
| *14:58 | DR14 | | | | | | | | | | | | | | | | | | 18 | | 20 | | | | | | | 27 | | | | | |
| *14:63, 14:85 | DR6, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | | 27 | | | | | |
| *14:64, 14:134 | DR14, - | | | | | | | | | | | | | | | | | 17 | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:65 | DR6 | | | | | | | w | | | | | | | | | | 17 | | 19 | 20 | | | | 24 | | 26 | 27 | | | | | |
| *14:68, 14:93 | DR14, - | | | | | | | | | | 10 | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:69 | - | | | | | | | | | | | | | | | 15 | | | 18 | | 20 | | | | | | | ? | | | | | |
| *14:72 | - | | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:73 | - | | | | | | | | | | | | | | | | 16 | | 18 | 19 | 20 | | | | | | | ? | | | | | |
| *14:74 | - | | | | | | | | | | | | | | | 15 | | | 18 | 19 | 20 | | | | | | | ? | | | | | |
| *14:76, 14:79, 14:104, 14:107, 14:111 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | ? | | | | | |
| *14:78 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | 22 | | 24 | | | 27 | | | | | |
| *14:82 | - | | | | | | 6 | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:84 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | | 27 | | | | | |
| *14:89 | - | | | | | | | 7 | | | | | | | | | | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:95 | - | | | | | | 6 | | | | | | | | | | | 17 | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:98 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | | | | | | | | ? | | | | | |
| *14:116, 14:144 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:126 | - | | | | | | | | | | | | | | | | | | | 19 | 20 | 21 | | | | | | 27 | | | | | |
| *14:132 | - | | | | | | 6 | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:136 | - | | | | | | | | | | | | | | | | | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:137N | Null | | | | | | 6 | | | | | | | | | 15 | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:138 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | 23 | | | | 27 | | | | | |
| *14:141 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | | 29 | | | |
| Well No. | DR | 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. | DR | 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 |
| *15:01:01:01-15:09, 15:11-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:104 | DR15, DR2, Null, - | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Negative Control |
| *15:10 | DR2 | | | 3 | | | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | |
| *15:21 | DR2 | | | 3 | | | | | | | | | | | | | | | | | w | | 22 | | | | | | | | | | |
| *15:25 | - | | | 3 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *15:27, 15:34, 15:66:01 | - | | | 3 | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | |
| *16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19-16:24 | DR16, Null, - | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *16:04, 16:18 | DR16, - | | | | 4 | | | | | | | | | | | | | | | | w | | | | | | | | | | | | |
| *DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, DRB3*02:28-02:29N, DRB3*03:01:01-03:03* | DR52, Null, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | | | |
| *DRB3*02:27* | - | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | |
| *DRB4*01:01:01:01-01:03:01:01, DRB4*01:03:01:03-01:08* | DR53, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| *DRB4*01:03:01:02N* | Null | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | 30 | | |
| *DRB5*01:01:01-01:07, DRB5*01:09-01:14, DRB5*02:02-02:06* | DR51, Null, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | |

| *DRB5*01:08N* | Null | | | | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | 31 |
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| **Well No.** | **DR** | **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** |

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| *01:01:01-01:02:08, 01:04-01:38, 01:40N-01:41, 01:43-01:59 | DR1, Null, - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:03, 01:39N | DR103/DR1, Null | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:42 | - | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:01:01-03:01:22, 03:04:01-03:05:03, 03:09, 03:11:01, 03:13:01-03:16, 03:18-03:20, 03:22-03:23, 03:25, 03:28, 03:30, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:59, 03:61-03:63, 03:66-03:68N, 03:70-03:73, 03:77-03:79, 03:81, 03:83-03:84, 03:86, 03:89, 03:91, 03:93 | DR17, DR3, Null, - | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *03:02:01-03:03, 03:27, 03:38, 03:53, 03:74, 03:88, 03:90 | DR18, DR3, - | | | | | 5 | | 7 | | | | | | | | | | 17 | | | | | | | | | | | | | | | |
| *03:06, 03:26, 03:31, 03:60, 03:75, 03:80, 03:82 | DR3, - | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | | | | | | | | | |
| *03:07, 03:21, 03:24, 03:32, 03:39-03:40, 03:49 | DR3, - | | | | | 5 | | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *03:08, 03:65 | DR3, - | | | | | 5 | 6 | | | | | 11 | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *03:10 | DR3 | | | | | 5 | 6 | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | | | | | | |
| *03:12 | DR3 | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | 24 | | 26 | | | | | | |
| *03:17, 03:35, 03:41 | DR3, - | | | | | 5 | | | | | | | | | | | | 17 | | | | | | | | | | | | | | | |
| *03:29 | DR3 | | | | | 5 | | 7 | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *03:42, 03:69, 03:87 | - | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| *03:46, 03:64 | - | | | | | 5 | 6 | | | | | | | | | | | | | | | | | | | | 26 | | | | | | | Negative Control |
| *03:76 | - | | | | | | 6 | | | | | | 12 | | | 15 | | 17 | | | | | | | | | 26 | | 28 | | | | | |
| *03:92 | - | | | | | 5 | 6 | | | | | | | | | | | | | | | 21 | | 23 | | | | | | | | | | |
| *04:01:01-04:05:11, 04:05:13-04:11:03, 04:13-04:17:02, 04:19-04:24, 04:26-04:57, 04:59-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:121, 04:123-04:145, 04:147-04:163 | DR4, DR4/DR3, Null, - | | | | | | | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| *04:12, 04:18, 04:25, 04:58 | DR4 | | | | | | | | 8 | | | | | | | | | | | | | | 22 | | | | | | | | | | | |
| *04:62, 04:69, 04:73, 04:105:01-04:105:02, 04:122, 04:146 | DR4, - | | | | | | | | 8 | | | | | | | | | | 18 | | | | | | | | | | | | | | | |
| *07:01:01:01-07:01:07, 07:03-07:26N | DR7, Null, - | | | | | | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| *08:01:01-08:02:04, 08:05, 08:16, 08:24, 08:26, 08:39, 08:42-08:44, 08:50 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | | | | | | | | | | | | |
| *08:03:02-08:03:03, 08:13, 08:18, 08:23, 08:27, 08:29-08:30:03, 08:33, 08:36:01, 08:38, 08:46-08:49, 08:51 | DR8, - | | | | | | | | | | 10 | | | | | | | | | | | 21 | | | | | | | | | | | | |
| *08:04:01, 08:04:04-08:04:05, 08:04:07, 08:06, 08:22, 08:54 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | 22 | | | | | | | | | | | |
| *08:04:02-08:04:03 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | w | | | | | | | | | | | |
| *08:04:06 | - | | | | | | | | | | 10 | | | | | | 16 | | | | | | 22 | | | | | | | | | | | |
| *08:07, 08:11, 08:52 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | | | | | | | | | | | | | |
| *08:08 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | 18 | | | | | | | | | | | | | | | |
| *08:09 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | 20 | 21 | | | | | | 27 | | | | | | |
| *08:10, 08:12, 08:14 | DR8 | | | | | | | | | | 10 | | | | | | | | | | | 21 | 22 | | | | | | | | | | | |
| *08:15, 08:19, 08:25, 08:34 | DR8, - | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | | | | | | | |
| *08:17 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | | 23 | | | | | | | | | | |
| *08:20 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | | 27 | | | | | | |
| *08:21 | DR8 | | | | | | | | | | 10 | | | | | 15 | 16 | | | | 20 | 21 | | | | | | 27 | | | | | | |
| *08:28 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | 22 | 23 | | | | | | | | | | |
| *08:31, 08:41 | DR8/DR11, - | | | | | | | | | | 10 | | | 13 | | | 16 | | | | | | | | | | | | | | | | | |
| *08:32, 08:53 | - | | | | | | | | | | 10 | | | | 14 | | | | | | 20 | 21 | | | | | | | | | | | | |
| *08:35 | - | | | | | | | | | | 10 | | | | | | | | | | 20 | 21 | | | | | | 27 | | | | | | |
| *08:36:02 | - | | | | | | | | | | 10 | | | | | | | | | | 20 | 21 | | | | | | | | | | | | |
| *08:37, 08:45 | - | | | | | | | | | | 10 | | | | | | | | | | | 21 | | 23 | | | | | | | | | | |
| *08:40 | - | | | | | | 6 | | | | 10 | | | | | | | | | | | 21 | | | | | | | | | | | | |
| *09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:20 | DR9, - | | | | | | | | | | | 11 | | | | | | | | 19 | | | | | | | | | | | | | | |
| *09:01:06, 09:03 | DR9 | | | | | | | | | | | 11 | | | | | | | | | | | | | | | | | | | | | | |
| *10:01:01-10:06 | DR10, - | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | | | | | |
| Well No. | DR | 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. | DR | 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 | |
| *11:01:01-11:01:06, 11:01:08-11:01:17, 11:04:01-11:04:11, 11:06:01-11:06:03, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:29, 11:32-11:33, 11:35, 11:38-11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01-11:49:02, 11:51, 11:54:01-11:54:02, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84:01-11:84:03, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117, 11:120-11:121, 11:123, 11:126, 11:128-11:129, 11:133-11:134, 11:137, 11:140-11:141, 11:144, 11:146-11:147 | DR11, - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | | |
| *11:01:07, 11:30, 11:37:01-11:37:02, 11:50, 11:56, 11:88, 11:145 | DR11, - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | | | | | | | |
| *11:01:18-11:01:19, 11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57, 11:130 | DR11, - | | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | | |
| *11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:21, 11:36, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:85-11:86, 11:93, 11:124, 11:127, 11:138-11:139 | DR11, - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | | |
| *11:05 | DR11 | | | | | | | | | | | | | 13 | | | 16 | | | | | | | | | | | | | | | | | |
| *11:07, 11:53, 11:103, 11:105, 11:125 | DR11, - | | | | | 5 | | | | | | 11 | | 13 | | | | | | | | | | | | | 26 | | | | | | | |
| *11:13:01-11:13:02 | DR11 | | | | | | | w | | | | | | 13 | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | | |
| *11:16, 11:20, 11:40, 11:118, 11:122 | DR11/DR13, - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | | |
| *11:17, 11:52 | DR14, DR11 | | | | | | | | | | | | | 13 | | | | | | 19 | 20 | | | | | | | 27 | | | | | | |
| *11:22, 11:104 | - | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| *11:23:01-11:23:02 | DR11, - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | | | | | 26 | 27 | | | | | | |
| *11:25 | DR11 | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | 22 | | | | 26 | 27 | | | | | | |

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| *11:26, 11:34 | DR11 | | | | | | | 7 | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | | |
| *11:31 | DR11 | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | | | | | 26 | | | | | | | |
| *11:41, 11:48 | DR11 | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | | | | | | | |
| *11:45, 11:64 | DR11, - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | | | | | 26 | 27 | | | | | | |
| *11:55 | DR11 | | | | | | | | | | | | | 13 | | | 16 | | | | 20 | | | | | | 26 | 27 | | | | | | |
| *11:59 | DR11 | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | | |
| *11:67 | - | | | | | | | | | | 10 | | | 13 | | | 16 | | | | | | 22 | 23 | | | | | | | | | | |
| *11:69, 11:82 | - | | | | | | | | | | | | | 13 | | | 16 | | 18 | | | | | | | | 26 | | | | | | | |
| *11:73, 11:79, 11:131-11:132 | - | | | | | | 6 | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | | |
| *11:80, 11:87, 11:135, 11:142 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | | |
| *11:83 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | | | | | | | | | |
| *11:89 | - | | | | | | | | | | | | | 13 | | | | | | | 20 | | | | | | 26 | 27 | | | | | | |
| *11:96 | - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | | | | | 26 | | | | | | | |
| *11:98, 11:136, 11:143 | - | | | | | | | | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | | |
| *11:107 | - | | | | | 5 | | | | | | 11 | | 13 | | | | | | | | | | | | | | | | | | | | |
| *11:119 | - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | 22 | | | | 26 | 27 | | | | | | |
| *12:01:01-12:01:05, 12:03:02-12:03:03, 12:05-12:08, 12:10-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:36, 12:40 | DR12, Null, - | | | | | | | | | | | | | | 14 | | | | | | | | | 23 | | | | | | | | | | |
| *12:02:01-12:02:05, 12:13, 12:15, 12:18-12:20, 12:23, 12:26-12:27, 12:31N-12:33, 12:37 | DR12, Null, - | | | | | | | | | | | | | | 14 | | 16 | | | | | | | 23 | | | | | | | | | | |
| *12:04, 12:22, 12:39 | DR12, - | | | | | | | | | | 10 | | | | 14 | | | | | | | | | 23 | | | | | | | | | | |
| *12:09 | DR12 | | | | | | | | | | | | | | 14 | | | | | | | 21 | | 23 | | | | | | | | | | |
| *12:16:01-12:16:02 | - | | | | | | | | | | 10 | | | | 14 | | 16 | | | | | | | 23 | | | | | | | | | | |
| *12:21 | - | | | | | | | | | | | | | | 14 | | 16 | | | | | | | | | | | | | | | | | |
| *12:38 | - | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** | |
| *13:01:01-13:01:08, 13:01:10-13:02:01, 13:02:03-13:02:08, 13:16, 13:20, 13:28-13:29, 13:31, 13:34, 13:39, 13:51-13:52, 13:59, 13:61:01-13:61:02, 13:63-13:64, 13:68-13:69, 13:73-13:74, 13:78-13:80, 13:83, 13:87, 13:91-13:92, 13:96:01-13:97:01, 13:98-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 13:121, 13:123-13:128, 13:130-13:131, 13:138, 13:140-13:143, 13:145, 13:147-13:148, 13:153, 13:155 | DR13, Null, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | | |
| *13:01:09, 13:35-13:36, 13:40, 13:72, 13:76, 13:84, 13:135 | DR13, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | | | | | | | |
| *13:02:02 | DR13 | | | | | | 6 | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *13:03:01-13:03:06, 13:33:01-13:33:03, 13:81, 13:88-13:90, 13:94:01-13:95, 13:101, 13:115, 13:133, 13:151-13:152 | DR13, - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | | | | | | |
| *13:04, 13:75 | DR13, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | 26 | | | | | | | |
| *13:05:01-13:05:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:42, 13:46, 13:50:01-13:50:02, 13:62, 13:100, 13:132, 13:136, 13:150 | DR13, DR6, DR11, - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | | | 26 | | | | | | | |
| *13:06, 13:25, 13:56, 13:77, 13:82, 13:110, 13:157, 13:163 | DR13, DR11, DR6, - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | | | | | | |
| *13:07:01-13:07:02 | DR13 | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | | |
| *13:08 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | 27 | | | | | | |
| *13:09 | DR13 | | | | | | | | | | | | | | | | 16 | 17 | | | | | | | | | 26 | | | | | | | |
| *13:10 | DR13 | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | 28 | | | | | |
| *13:12:01-13:12:03, 13:58, 13:118, 13:134, 13:161 | DR13, - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | | | | | | |
| *13:13 | DR13 | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | | 27 | | | | | | |
| *13:15, 13:57, 13:104 | DR13, - | | | | | | 6 | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | | |
| *13:17 | DR13 | | | | | | 6 | | | | | | | | | | 16 | | | | | 21 | | 23 | | | | | | | | | | |
| *13:18 | DR13 | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | | | |
| *13:19, 13:53 | DR13 | | | | | | 6 | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | | | | | | | |
| *13:21:01-13:21:02 | DR13/DR11 | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | 26 | | | | | | | |
| *13:22-13:24, 13:54, 13:97:02, 13:162 | DR13, DR11, DR14, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | | 26 | | | | | | | |
| *13:26:01-13:26:02 | DR14, - | | | | | | | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | | |
| *13:27, 13:41, 13:71 | DR13 | | | | | | 6 | | | | | | 12 | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | | |
| *13:30 | - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | 24 | | 26 | | | | | | | |
| *13:32, 13:65 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | 25 | | | | | | | | |
| *13:37 | DR13 | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | | |
| *13:38, 13:48 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | | | | | | | | |

Negative Control

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| *13:43 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | | | 19 | 20 | | | | | 25 | 26 | | | | | |
| *13:44, 13:86 | - | | | | | | | 7 | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | |
| *13:45 | DR13 | | | | | | 6 | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | 26 | | | | | |
| *13:47 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | | 27 | | | | |
| *13:49, 13:108 | DR6, - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | | | | | | |
| *13:55 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | 24 | | | 27 | | | | |
| *13:60 | DR6 | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | |
| *13:66:01-13:66:02 | DR13, - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | 26 | | | | | |
| *13:67, 13:103, 13:160 | DR13, - | | | | | | | | | | | | | | | 15 | 16 | | | | | | | | | 25 | | | | | | |
| *13:70, 13:149 | DR13, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | |
| *13:85 | - | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | | | | | | | | | | 28 | | | |
| *13:93, 13:139 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | 25 | 26 | | | | | |
| *13:116 | - | | | | | | 6 | | | | | | | | | | 16 | | | | | 21 | | | | | | | | | | |
| *13:119 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | | | 26 | 27 | | | | |
| *13:120 | - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | 28 | | | |
| *13:122 | - | | | | | | 6 | | | | | | | | | 15 | | | | | | | | | 24 | | | | | | | |
| *13:129 | - | | | | | | 6 | | | | | | 12 | | | | 16 | 17 | | | | | | | | | 26 | | | | | |
| *13:137N | - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | | | | |
| *13:144 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | |
| *13:146 | - | | | | | | | | | | | | | | | | 16 | 17 | | | 20 | | | | | | 26 | 27 | | | | |
| *13:154 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | 26 | 27 | | | | |
| *13:156 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | |
| *13:158 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | 26 | 27 | | | | |
| *13:159 | - | | | | | | 6 | | | | | | | | | 15 | 16 | | | 19 | 20 | | | | | 25 | | | | | | |
| *13:164 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | 24 | | | 27 | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** |
| *14:01:01-14:01:02, 14:01:04, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:38-14:39, 14:50, 14:54:01, 14:55, 14:60-14:62, 14:70-14:71, 14:75, 14:86-14:88, 14:90, 14:99, 14:101, 14:110, 14:112-14:114, 14:117-14:118, 14:120, 14:122, 14:124-14:125, 14:129, 14:131, 14:139-14:140, 14:142 | DR14, DR1404/DR14, - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | | Negative Control |
| *14:01:03, 14:08, 14:23:02, 14:34, 14:54:02, 14:92N, 14:97, 14:130, 14:133 | DR14, Null, - | | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | | 27 | | | | | | |
| *14:02, 14:06:01-14:06:02 | DR14 | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | | 28 | | | | | |
| *14:03:01-14:03:02, 14:40, 14:67, 14:77, 14:102, 14:115, 14:135 | DR1403/DR14, DR6, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | | | | | | 27 | | | | | | |
| *14:05:01-14:05:04, 14:14, 14:23:01, 14:23:03-14:23:04, 14:36, 14:43-14:45, 14:56, 14:59, 14:91, 14:96, 14:100, 14:103, 14:123, 14:127:01-14:127:02 | DR14, - | | | | | | | | | | | | | | | | | 17 | | 19 | 20 | | | | | | | 27 | | | | | | |
| *14:09, 14:29, 14:47-14:48, 14:51, 14:80, 14:83, 14:106, 14:108, 14:121 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | ? | 28 | | | | | |
| *14:11 | DR14 | | | | | | | | | | 10 | | | | | | | | | 19 | 20 | | | | | | | 27 | | | | | | |
| *14:12:01-14:12:02 | DR14, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | | 27 | | | | | | |
| *14:13 | DR14 | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | 24 | | | | 28 | | | | | |
| *14:15 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | 20 | 21 | 22 | | | | | 27 | | | | | | |
| *14:16 | DR6 | | | | | | 6 | | | | | | | | | 15 | 16 | | 18 | 19 | 20 | | | | | 25 | | ? | | | | | | |
| *14:17, 14:30, 14:33 | DR6 | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | 26 | ? | 28 | | | | | |
| *14:18, 14:81 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | 20 | | | | | | | 27 | | | | | | |
| *14:19, 14:109 | DR14, - | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | w | | | | | | | | ? | 28 | | | | | |
| *14:20, 14:41, 14:94 | DR14, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | ? | | | | | | |
| *14:21 | DR14 | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | w | | | | | | | 26 | | 28 | | | | | |
| *14:22, 14:105 | DR14, - | | | | | | | | | | | | | | | 15 | 16 | | 18 | 19 | 20 | | | | | | | ? | | | | | | |
| *14:24 | DR14 | | | | | | | 7 | | | | | | | | | 16 | 17 | | | | | | | | | | ? | | | | | | |
| *14:25 | DR6 | | | | | | | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | | ? | | | | | | |
| *14:27 | DR14 | | | | | | | 7 | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | | 27 | | | | | | |
| *14:32:01-14:32:02 | DR14 | | | | | | | w | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | | |
| *14:32:03 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | | | | | | | |
| *14:35 | DR14 | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | 26 | 27 | | | | | | |
| *14:37 | DR14 | | | | | | | | | | | | | | | | 16 | 17 | 18 | | | | | | | | | ? | | | | | | |
| *14:42 | - | | | | | | | | | | | | | | | | | 17 | | | 20 | | | | | | 26 | 27 | | | | | | |
| *14:46 | DR14 | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | 28 | | | | | |
| *14:49, 14:119 | DR14, - | | | | | | | 7 | | | | | | | | | | | 18 | 19 | 20 | | | | | | | ? | | | | | | |
| *14:52 | DR14 | | | | | | | | | | | | | | | | | | | 19 | | 21 | | | | | | ? | 28 | | | | | |
| *14:53, 14:128 | DR13/14, - | | | | | | | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | 26 | ? | | | | | | |
| *14:57 | DR4/DR6 | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | 25 | | 27 | | | | | | |
| *14:58 | DR14 | | | | | | | | | | | | | | | | | | 18 | | 20 | | | | | | | 27 | | | | | | |
| *14:63, 14:85 | DR6, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | | 27 | | | | | | |
| *14:64, 14:134 | DR14, - | | | | | | | | | | | | | | | | | 17 | | 19 | 20 | | | | | | 26 | 27 | | | | | | |
| *14:65 | DR6 | | | | | | | w | | | | | | | | | | 17 | | 19 | 20 | | | | 24 | | 26 | 27 | | | | | | |
| *14:68, 14:93 | DR14, - | | | | | | | | | | 10 | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | | |
| *14:69 | - | | | | | | | | | | | | | | | 15 | | | 18 | | 20 | | | | | | | ? | | | | | | |

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| *14:72 | - | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | | |
| *14:73 | - | | | | | | | | | | | | | | | | 16 | | 18 | 19 | 20 | | | | | | ? | | | | | | |
| *14:74 | - | | | | | | | | | | | | | | | 15 | | | 18 | 19 | 20 | | | | | | ? | | | | | | |
| *14:76, 14:79, 14:104, 14:107, 14:111 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | ? | | | | | | |
| *14:78 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | 22 | | 24 | | 27 | | | | | | |
| *14:82 | - | | | | | | 6 | | | | | | | | | | | | 18 | 19 | 20 | | | | | | 27 | | | | | | |
| *14:84 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | 27 | | | | | | |
| *14:89 | - | | | | | | | 7 | | | | | | | | | | 17 | | | 20 | | | | | | 27 | | | | | | |
| *14:95 | - | | | | | | 6 | | | | | | | | | | | 17 | | 19 | 20 | | | | | 26 | 27 | | | | | | |
| *14:98 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | | | | | | | ? | | | | | | |
| *14:116 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | | | 27 | | | | | | |
| *14:126 | - | | | | | | | | | | | | | | | | | | | 19 | 20 | 21 | | | | | 27 | | | | | | |
| *14:132 | - | | | | | | 6 | | | | | | | | | | | | | 19 | 20 | | | | | 26 | 27 | | | | | | |
| *14:136 | - | | | | | | | | | | | | | | | | | 17 | | | 20 | | | | | | 27 | | | | | | |
| *14:137N | Null | | | | | | 6 | | | | | | | | | 15 | | | 18 | 19 | 20 | | | | | | 27 | | | | | | |
| *14:138 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | 23 | | | 27 | | | | | | |
| *14:141 | - | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | | 29 | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** |
| *15:01:01:01-15:09, 15:11-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:98 | DR15, DR2, Null, - | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *15:10 | DR2 | | | 3 | | | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | |
| *15:21 | DR2 | | | 3 | | | | | | | | | | | | | | | | | w | | 22 | | | | | | | | | | |
| *15:25 | - | | | 3 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *15:27, 15:34, 15:66 | - | | | 3 | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | |
| *16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19-16:24 | DR16, Null, - | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *16:04, 16:18 | DR16, - | | | | 4 | | | | | | | | | | | | | | | | w | | | | | | | | | | | | |
| *DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, DRB3*02:28-02:29N, DRB3*03:01:01-03:03* | DR52, Null, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | | | |
| *DRB3*02:27* | - | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | |
| *DRB4*01:01:01:01-01:03:01:01, DRB4*01:03:01:03-01:08* | DR53, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| *DRB4*01:03:01:02N* | Null | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | 30 | | |
| *DRB5*01:01:01-01:07, DRB5*01:09-01:14, DRB5*02:02-02:06* | DR51, Null, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | |
| *DRB5*01:08N* | Null | | | | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | 31 | |
| **Length of spec. PCR product(s)[3]** | | 205 | 200 | 200 | 210 | 120 | 80 | 85 | 100 | 235 | 170 | 85 | 180 | 100 | 95 | 215 | 195 | 175 | 100 | 110 | 110 | 165 | 75 | 135 | 170 | 150 | 145 | 145 | 140 | 160 | 215 | 175 | Neg. control |
| | | 230 | | 215 | | 220 | 210 | 210 | 175 | | 215 | 135 | | 170 | | | 215 | | 140 | 140 | 160 | | 175 | | 195 | | | 215 | | 240 | | | |
| | | 255 | | | | | | | | | 250 | 180 | | | | | | | 155 | 170 | 225 | | | | | | | 240 | | | | | |
| **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** |
| **Specific Reaction** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1st match: DRB*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2nd match: DRB*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Control Reaction** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Failed Controls** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **False Positive** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **False Negative** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Negative Control**

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| Well No. | DR | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRB1 allele[1] | ser[2] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:01:01-01:02:08, 01:04-01:38, 01:40N-01:41, 01:43-01:49 | DR1, Null, - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:03, 01:39N | DR103, Null | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:42 | - | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:01:01-03:01:20, 03:04:01-03:05:03, 03:09, 03:11:01, 03:13:01-03:16, 03:18-03:20, 03:22-03:23, 03:25, 03:28, 03:30, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:59, 03:61-03:63, 03:66-03:68N, 03:70-03:73, 03:77-03:79, 03:81, 03:83-03:84 | DR17(3), DR3, Null, - | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *03:02:01-03:03, 03:27, 03:38, 03:53, 03:74 | DR18(3), - | | | | | 5 | | 7 | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| *03:06, 03:26, 03:31, 03:60, 03:75, 03:80, 03:82 | DR3, - | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| *03:07, 03:21, 03:24, 03:32, 03:39-03:40, 03:49 | DR3, - | | | | | 5 | | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *03:08, 03:65 | - | | | | | 5 | 6 | | | | | 11 | | 13 | | | | | | | | | | | | | 26 | | | | | | | |
| *03:10 | DR17(3) | | | | | 5 | 6 | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | | | | | | | |
| *03:12 | DR3 | | | | | 5 | 6 | | | | | | | | | | | 17 | | | | | | | 24 | | 26 | | | | | | | |
| *03:17, 03:35, 03:41 | - | | | | | 5 | | | | | | | | | | | | 17 | | | | | | | | | | | | | | | | |
| *03:29 | - | | | | | 5 | | 7 | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | | |
| *03:42, 03:69 | - | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:46, 03:64 | - | | | | | 5 | 6 | | | | | | | | | | | | | | | | | | | | 26 | | | | | | | |
| *03:76 | - | | | | | | 6 | | | | | | 12 | | | 15 | | 17 | | | | | | | | | 26 | | 28 | | | | | |
| *04:01:01-04:11:02, 04:13-04:17:02, 04:19-04:24, 04:26-04:57, 04:59-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:121, 04:123-04:124 | DR4, Null, - | | | | | | | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | Neg. Control |
| *04:12, 04:18, 04:25, 04:58 | DR4, - | | | | | | | | 8 | | | | | | | | | | | | | | 22 | | | | | | | | | | | |
| *04:62, 04:69, 04:73, 04:105:01-04:105:02, 04:122 | - | | | | | | | | 8 | | | | | | | | | | 18 | | | | | | | | | | | | | | | |
| *07:01:01:01-07:01:04, 07:03-07:22 | DR7, Null, - | | | | | | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| *08:01:01-08:02:04, 08:05, 08:16, 08:24, 08:26, 08:39, 08:42-08:44 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | | | | | | | | | | | | |
| *08:03:02-08:03:03, 08:13, 08:18, 08:23, 08:27, 08:29-08:30:03, 08:33, 08:36:01, 08:38, 08:46-08:49 | DR8, - | | | | | | | | | | 10 | | | | | | | | | | | 21 | | | | | | | | | | | | |
| *08:04:01, 08:04:04-08:04:05, 08:04:07, 08:06, 08:22 | DR8, - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | 22 | | | | | | | | | | | |
| *08:04:02-08:04:03 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | w | | | | | | | | | | | |
| *08:04:06 | - | | | | | | | | | | 10 | | | | | | 16 | | | | | | 22 | | | | | | | | | | | |
| *08:07, 08:11 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | | | | | | | | | | | | | |
| *08:08 | - | | | | | | | | | | 10 | | | | | | 16 | | 18 | | | | | | | | | | | | | | | |

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| *08:09 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | 20 | 21 | | | | | | 27 | | | | | |
| *08:10, 08:12, 08:14 | DR8 | | | | | | | | | | 10 | | | | | | | | | | | 21 | 22 | | | | | | | | | | |
| *08:15, 08:19, 08:25, 08:34 | - | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | | | | | | |
| *08:17 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | | 23 | | | | | | | | | |
| *08:20 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | | 27 | | | | | |
| *08:21 | - | | | | | | | | | | 10 | | | | | 15 | 16 | | | | 20 | 21 | | | | | | 27 | | | | | |
| *08:28 | - | | | | | | | | | | 10 | | | | | | 16 | | | | | 21 | 22 | 23 | | | | | | | | | |
| *08:31, 08:41 | DR11(5), - | | | | | | | | | | 10 | | | 13 | | | 16 | | | | | | | | | | | | | | | | |
| *08:32 | - | | | | | | | | | | 10 | | | | 14 | | | | | | 20 | 21 | | | | | | | | | | | |
| *08:35 | - | | | | | | | | | | 10 | | | | | | | | | | 20 | 21 | | | | | | 27 | | | | | |
| *08:37, 08:45 | - | | | | | | | | | | 10 | | | | | | | | | | | 21 | | 23 | | | | | | | | | |
| *08:40 | - | | | | | | 6 | | | | 10 | | | | | | | | | | | 21 | | | | | | | | | | | |
| *09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:19 | DR9, - | | | | | | | | | | | 11 | | | | | | | | 19 | | | | | | | | | | | | | |
| *09:01:06, 09:03 | DR9, - | | | | | | | | | | | 11 | | | | | | | | | | | | | | | | | | | | | |
| *10:01:01-10:04 | DR10, - | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** |
| *11:01:01-11:01:06, 11:01:08-11:01:16, 11:04:01-11:04:10, 11:06:01-11:06:03, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:29, 11:32-11:33, 11:35, 11:38-11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01-11:49:02, 11:51, 11:54:01-11:54:02, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84:01-11:84:02, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117, 11:120-11:121, 11:123, 11:126, 11:128-11:129 | DR11(5), - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | |
| *11:01:07, 11:30, 11:37:01-11:37:02, 11:50, 11:56, 11:88 | DR11(5), - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | | | | | | |
| *11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:21, 11:36, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:85-11:86, 11:93, 11:124, 11:127 | DR11(5), - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | |
| *11:05 | DR11(5) | | | | | | | | | | | | | 13 | | | 16 | | | | | | | | | | | | | | | | |
| *11:07, 11:53, 11:103, 11:105, 11:125 | DR11(5), - | | | | | 5 | | | | | | 11 | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57 | DR11(5), - | | | | | | | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | |
| *11:13:01-11:13:02 | DR11(5) | | | | | | | w | | | | | | 13 | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *11:16, 11:20, 11:40, 11:118, 11:122 | DR11(5), DR13 (6), - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | |
| *11:17, 11:52 | DR11(5), - | | | | | | | | | | | | | 13 | | | | | | 19 | 20 | | | | | | | 27 | | | | | |
| *11:22, 11:104 | - | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| *11:23 | DR11(5) | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:25 | DR11(5) | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *11:26, 11:34 | DR11(5), - | | | | | | | 7 | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *11:31 | - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | | | | | 26 | | | | | | |
| *11:41, 11:48 | - | | | | | | 6 | | | | | | | 13 | | 15 | 16 | | | | | | | | | | | | | | | | |
| *11:45, 11:64 | - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:55 | - | | | | | | | | | | | | | 13 | | | 16 | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:59 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | 25 | 26 | | | | | | |
| *11:67 | - | | | | | | | | | | 10 | | | 13 | | | 16 | | | | | | 22 | 23 | | | | | | | | | |
| *11:69, 11:82 | - | | | | | | | | | | | | | 13 | | | 16 | | 18 | | | | | | | | 26 | | | | | | |
| *11:73, 11:79 | - | | | | | | 6 | | | | | | | 13 | | 15 | | | | | | | | | | | 26 | | | | | | |
| *11:80, 11:87 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | | 26 | | | | | | |
| *11:83 | - | | | | | | 6 | | | | | | 12 | 13 | | 15 | 16 | | | | | | | | | | | | | | | | |
| *11:89 | - | | | | | | | | | | | | | 13 | | | | | | | 20 | | | | | | 26 | 27 | | | | | |
| *11:96 | - | | | | | | | | | | | | | 13 | | 15 | 16 | | | | 20 | | | | | | 26 | | | | | | |
| *11:98 | - | | | | | | | | | | | | | 13 | | | | | | | | | | | | | 26 | | | | | | |
| *11:107 | - | | | | | 5 | | | | | | 11 | | 13 | | | | | | | | | | | | | | | | | | | |
| *11:119 | - | | | | | | | | | | | | | 13 | | 15 | | | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *12:01:01-12:01:04, 12:03:02-12:03:03, 12:05-12:08, 12:10-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:36 | DR12(5), Null, - | | | | | | | | | | | | | | 14 | | | | | | | | | 23 | | | | | | | | | |
| *12:02:01-12:02:05, 12:13, 12:15, 12:18-12:20, 12:23, 12:26-12:27, 12:31N-12:33 | DR12(5), Null, - | | | | | | | | | | | | | | 14 | | 16 | | | | | | | 23 | | | | | | | | | |
| *12:04, 12:22 | - | | | | | | | | | | 10 | | | | 14 | | | | | | | | | 23 | | | | | | | | | |
| *12:09 | - | | | | | | | | | | | | | | 14 | | | | | | | 21 | | 23 | | | | | | | | | |
| *12:16:01 | - | | | | | | | | | | 10 | | | | 14 | | 16 | | | | | | | 23 | | | | | | | | | |
| *12:21 | - | | | | | | | | | | | | | | 14 | | 16 | | | | | | | | | | | | | | | | |

Neg. Control

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *13:01:01-13:01:08, 13:01:10-13:02:01, 13:02:03-13:02:07, 13:16, 13:20, 13:28-13:29, 13:31, 13:34, 13:39, 13:51-13:52, 13:59, 13:61:01-13:61:02, 13:63-13:64, 13:68-13:69, 13:73-13:74, 13:78-13:80, 13:83, 13:87, 13:91-13:92, 13:96:01-13:97:01, 13:98-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 13:121, 13:123-13:128, 13:130-13:131, 13:138, 13:140-13:142N | DR13(6), Null, - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | |
| *13:01:09, 13:08, 13:35-13:36, 13:40, 13:72, 13:76, 13:84, 13:135 | DR13(6), - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | | | | | | |
| *13:02:02 | DR13(6) | | | | | | 6 | | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *13:03:01-13:03:06, 13:33:01-13:33:03, 13:81, 13:88-13:90, 13:94-13:95, 13:101, 13:115, 13:133 | DR13(6), - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** |
| *13:04, 13:75 | DR13(6), - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:05:01-13:05:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:42, 13:46, 13:50:01-13:50:02, 13:62, 13:100, 13:132, 13:136 | DR13(6), - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:06, 13:25, 13:56, 13:77, 13:82, 13:110 | DR13(6), - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | | | | | |
| *13:07:01-13:07:02 | DR13(6) | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | |
| *13:09 | - | | | | | | | | | | | | | | | | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:10 | DR13(6) | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | 28 | | | | |
| *13:12:01-13:12:02, 13:58, 13:118, 13:134 | DR13(6), - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | | | | | |
| *13:13 | DR13(6) | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | | 27 | | | | | |
| *13:15, 13:57, 13:104 | DR13(6), - | | | | | | 6 | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | |
| *13:17 | DR13(6) | | | | | | 6 | | | | | | | | | | 16 | | | | | 21 | | 23 | | | | | | | | | |
| *13:18 | DR13(6) | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | 22 | | | | 26 | 27 | | | | | |
| *13:19, 13:53 | DR13(6), - | | | | | | 6 | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | 25 | | | | | | | |
| *13:21:01-13:21:02 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:22-13:24, 13:54, 13:97:02 | DR13(6), DR14(6), - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:26:01-13:26:02 | - | | | | | | | 7 | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | |
| *13:27, 13:41, 13:71 | DR13(6), - | | | | | | 6 | | | | | | 12 | | | 15 | 16 | 17 | | | | | | | | 25 | 26 | | | | | | |
| *13:30 | - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:32, 13:65 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | 25 | | | | | | | |
| *13:37 | - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | |
| *13:38, 13:48 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | | | | | | | |
| *13:43 | - | | | | | | 6 | | | | | | | | | 15 | 16 | | | 19 | 20 | | | | | 25 | 26 | | | | | | |
| *13:44, 13:86 | - | | | | | | | 7 | | | | | | | | | | 17 | | | | | | | | | 26 | | | | | | |
| *13:45 | - | | | | | | 6 | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | 26 | | | | | | |
| *13:47 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | | 27 | | | | | |
| *13:49, 13:108 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | | | | | | | | |
| *13:55 | - | | | | | | | | | | | | | | | 15 | 16 | 17 | | | 20 | | | | 24 | | | 27 | | | | | |
| *13:60 | - | | | | | | | | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | |
| *13:66:01-13:66:02 | DR13(6), - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | 26 | | | | | | |
| *13:67, 13:103 | - | | | | | | | | | | | | | | | 15 | 16 | | | | | | | | | 25 | | | | | | | |
| *13:70 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | | | | | | | | | |
| *13:85 | - | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | | | | | | | | | | 28 | | | | |
| *13:93, 13:139 | - | | | | | | 6 | | | | | | | | | 15 | 16 | 17 | | | | | | | 24 | 25 | 26 | | | | | | |
| *13:116 | - | | | | | | 6 | | | | | | | | | | 16 | | | | | 21 | | | | | | | | | | | |
| *13:119 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | | | 26 | 27 | | | | | |
| *13:120 | - | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | 24 | | | | 28 | | | | |
| *13:122 | - | | | | | | 6 | | | | | | | | | 15 | | | | | | | | | 24 | | | | | | | | |
| *13:129 | - | | | | | | 6 | | | | | | 12 | | | | 16 | 17 | | | | | | | | | 26 | | | | | | |
| *13:137N | Null | | | | | | 6 | | | | | | | | | 15 | | 17 | | | | | | | | | 26 | | | | | | |
| *14:01:01-14:01:02, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:38-14:39, 14:50, 14:54:01, 14:55, 14:60-14:62, 14:70-14:71, 14:75, 14:86-14:88, 14:90, 14:99, 14:101, 14:110, 14:112-14:114, 14:117-14:118, 14:120, 14:122, 14:124-14:125 | DR14(6), DR1404, - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:01:03, 14:08, 14:23:02, 14:34, 14:54:02, 14:92N, 14:97 | DR14(6), Null, - | | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:02, 14:06:01-14:06:02, 14:09, 14:29, 14:47-14:48, 14:51, 14:80, 14:83, 14:106, 14:108, 14:121 | DR14(6), - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | | 28 | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *14:03:01-14:03:02, 14:40, 14:67, 14:77, 14:102, 14:115 | DR1403, - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:05:01-14:05:03, 14:14, 14:23:01, 14:23:03, 14:36, 14:43-14:45, 14:56, 14:59, 14:91, 14:96, 14:100, 14:103, 14:123, 14:127 | DR14(6), - | | | | | | | | | | | | | | | | | 17 | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:11 | DR14(6) | | | | | | | | | | 10 | | | | | | | | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:12:01-14:12:02 | DR14(6), - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | | 27 | | | | | |
| *14:13 | DR14(6) | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | 24 | | | | 28 | | | | |
| *14:15 | DR8 | | | | | | | | | | 10 | | | | | | 16 | | | | 20 | 21 | 22 | | | | | 27 | | | | | |
| *14:16 | DR6 | | | | | | 6 | | | | | | | | | 15 | 16 | | 18 | 19 | 20 | | | | | 25 | | | | | | | |
| *14:17, 14:30, 14:33 | DR6, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | 26 | | 28 | | | | |
| *14:18, 14:81 | DR6, - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | 20 | | | | | | | 27 | | | | | |
| *14:19, 14:109 | DR14(6), - | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | w | | | | | | | | | 28 | | | | |
| **Well No.** | **DR** | **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.** | **DR** | **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** |
| *14:20, 14:41, 14:94 | DR14(6), - | | | | | | | 7 | | | | | | | | | | 17 | | 19 | | | | | | | | | | | | | |
| *14:21 | DR14(6) | | | | | | 6 | 7 | | | | | | | | 15 | | 17 | | w | | | | | | | 26 | | 28 | | | | |
| *14:22, 14:105 | DR14(6), - | | | | | | | | | | | | | | | 15 | 16 | | 18 | 19 | 20 | | | | | | | | | | | | |
| *14:24 | - | | | | | | | 7 | | | | | | | | | 16 | 17 | | | | | | | | | | | | | | | |
| *14:25 | - | | | | | | | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | | | | | | | |
| *14:27 | DR14(6) | | | | | | | 7 | | | | | | | | 15 | 16 | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:32:01-14:32:02 | - | | | | | | | w | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:35 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:37 | - | | | | | | | | | | | | | | | | 16 | 17 | 18 | | | | | | | | | | | | | | |
| *14:42 | - | | | | | | | | | | | | | | | | | 17 | | | 20 | | | | | | 26 | 27 | | | | | |
| *14:46 | - | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | 28 | | | | |
| *14:49, 14:119 | DR14(6), - | | | | | | | 7 | | | | | | | | | | | 18 | 19 | 20 | | | | | | | | | | | | |
| *14:52 | - | | | | | | | | | | | | | | | | | | | 19 | | 21 | | | | | | | 28 | | | | |
| *14:53 | DR13(6) | | | | | | | | | | | | | | | 15 | 16 | | 18 | | 20 | | | | | | 26 | | | | | | |
| *14:57 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | 25 | | | | | | | |
| *14:58 | - | | | | | | | | | | | | | | | | | | 18 | | 20 | | | | | | | 27 | | | | | |
| *14:63, 14:85 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | | | 24 | | | 27 | | | | | |
| *14:64 | - | | | | | | | | | | | | | | | | | 17 | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:65 | - | | | | | | | w | | | | | | | | | | 17 | | 19 | 20 | | | | 24 | | 26 | 27 | | | | | |
| *14:68, 14:93 | - | | | | | | | | | | 10 | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:69 | - | | | | | | | | | | | | | | | 15 | | | 18 | | 20 | | | | | | | | | | | | |
| *14:72 | - | | | | | | | | | | | | | | | | | | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:73 | - | | | | | | | | | | | | | | | | 16 | | 18 | 19 | 20 | | | | | | | | | | | | |
| *14:74 | - | | | | | | | | | | | | | | | 15 | | | 18 | 19 | 20 | | | | | | | | | | | | |
| *14:76, 14:79, 14:104, 14:107, 14:111 | - | | | | | | | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | | | | | | |
| *14:78 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | 20 | | 22 | | 24 | | | 27 | | | | | |
| *14:82 | - | | | | | | 6 | | | | | | | | | | | | 18 | 19 | 20 | | | | | | | 27 | | | | | |
| *14:84 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | 22 | | | | | 27 | | | | | |
| *14:89 | - | | | | | | | 7 | | | | | | | | | | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:95 | - | | | | | | 6 | | | | | | | | | | | 17 | | 19 | 20 | | | | | | 26 | 27 | | | | | |
| *14:98 | - | | | | | | | 7 | | | | | | | | 15 | | 17 | | | | | | | | | | | | | | | |
| *14:116 | - | | | | | | | | | | | | | | | 15 | | 17 | | | 20 | | | | | | | 27 | | | | | |
| *14:126 | - | | | | | | | | | | | | | | | | | | | 19 | 20 | 21 | | | | | | 27 | | | | | |
| *15:01:01:01-15:09, 15:11-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:77 | DR15(2), DR2, Null, - | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *15:10 | - | | | 3 | | | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | |
| *15:21 | - | | | 3 | | | | | | | | | | | | | | | | | w | | 22 | | | | | | | | | | |
| *15:25 | - | | | 3 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *15:27, 15:34, 15:66 | - | | | 3 | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | |
| *16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19 | DR16(2), DR2, Null, - | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *16:04, 16:18 | DR16(2), - | | | | 4 | | | | | | | | | | | | | | | | w | | | | | | | | | | | | |
| *DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, 02:28-02:29N, DRB3*03:01:01-03:03* | DR52, Null, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | | | |
| *DRB3*02:27* | - | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | 29 | | | |
| *DRB4*01:01:01:01-01:03:01:01, 01:03:01:03-01:08* | DR53, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| *DRB4*01:03:01:02N* | Null | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | 30 | | |
| *DRB5*01:01:01-01:14, DRB5*02:02-02:06* | DR51, Null, - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | |
| **Length of spec. PCR product(s)[3]** | | 205 | 200 | 200 | 210 | 120 | 80 | 85 | 100 | 235 | 170 | 85 | 180 | 100 | 85 | 215 | 195 | 175 | 100 | 110 | 110 | 165 | 75 | 135 | 170 | 150 | 145 | 145 | 140 | 160 | 215 | 175 | Neg. control |
| | | 255 | | 215 | | 220 | 210 | 210 | 175 | | 215 | 135 | | 170 | 105 | | 215 | | 140 | 140 | 175 | | 175 | | | | | 215 | | 240 | | | |
| | | | | | | | | | | | 250 | 180 | | | | | | | 155 | 170 | 225 | | | | | | | | | | | | |

Neg. Control

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Specific Reaction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st match: DRB* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2nd match: DRB* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Control Reaction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Failed Controls | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| False Positive | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| False Negative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |