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|-----------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|
| *14:128 | | 2 | | | 6 | | | | | 11 | | 14 | | | 18 | 20 | | 23 | | | | | | 31 | 33 | | | | | | | ? | | | | | | | | | | | | | | | | | | | |
| *14:129 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | | | | | | | 33 | | | | | 39 | 41 | ? | | | | 46 | | | | | | | | | | | | | | | |
| *14:130 | 1 | 2 | | | 6 | | | 9 | | 12 | 13 | | 16 | 18 | | | 22 | | | | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | |
| *14:132 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | | 23 | | | | | | 30 | 31 | 33 | | 36 | | 39 | | ? | 43 | | | | | | | | | | | | | | | | | | |
| *14:133 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | | | | | 30 | | 33 | | 36 | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:134 | 1 | | | | 5 | | | | | 12 | | | 16 | 18 | | | 23 | | | | | | | | | 36 | | 39 | | ? | | | | | | | | | | | | | | | | | | | | | |
| *14:135, 14:181 | | | 4 | 5 | 7 | | | | | | | | | | | | 22 | | | | | | | | | | 36 | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:136 | | | | | 6 | 7 | 9 | | | | | | | 18 | 19 | | 22 | | 25 | | | | | | | | | | 38 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:137N | | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | | | | | 29 | | 33 | | | | | | 42 | | | | | | | | | | | | | | | | | | | | |
| *14:138 | | | | | | | 8 | | | | 13 | | | | 20 | | | | | | | | | 31 | | 34 | 35 | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:140 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | | | | | | | 33 | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:141 | | | | | | | | | | | | | | | | | | | 27 | | | | | | | | | | | | 42 | | | | | | | | | | | | | | | | | | | | |
| *14:142 | 1 | 2 | | | | | | | | 10 | 12 | 13 | | 18 | | | 22 | | | | | | | | | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:143 | | | | | | | | | | | 13 | | | | | | | 25 | | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:144 | | | | 5 | 7 | | | | | | | | | 18 | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *14:145 | | | | | | 8 | | | | | 13 | | | | 20 | | | 26 | | | | | | | | | 34 | 35 | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:146, 14:203 | | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | | | | | | | 33 | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:148 | | | | | | | | | | | 13 | | | | | | | | 28 | | | | | | | 34 | 35 | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:150 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | | | | | | | | | 33 | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:152N | | | | | | | 8 | | | | 13 | | | | 20 | | | | 28 | | | | | | | 35 | | | 40 | 42 | | | | | | | | | | | | | | | | | | | | | |
| *14:153 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | 23 | | 26 | | | | | 33 | | | | 39 | | ? | | | | | | | 47 | | | | | | | | | | | | | |
| *14:154 | 1 | | 4 | | 6 | | | | | 12 | | | 16 | | | | 22 | | | 26 | | | 30 | | | 36 | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:155 | 1 | | | | 6 | | | | | 12 | | | 16 | | | | 22 | | | | | | | | | | | | 39 | | ? | | | | | | 44 | | | | | | | | | | | | | | |
| *14:156 | | | 4 | | 6 | 7 | | | | | | | | | | | 22 | | | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:157 | 1 | 2 | | | 6 | | | | 10 | 12 | 13 | | | 18 | | | 22 | | | | | | | | | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:158 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | | | | | 29 | | 33 | | | | 39 | | ? | | | | | | 46 | | | | | | | | | | | | | | |
| *14:159 | | | 4 | 5 | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:160 | 1 | | 4 | | 6 | | | | | 12 | | | 16 | | | | 22 | | | | | | | | | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:162 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | | | | 22 | | | | | | | | 33 | | | | 39 | 41 | 42 | | | | | | | | 47 | | | | | | | | | | | | |
| *14:163 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 17 | 18 | | 22 | | | | | | | | 33 | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:164 | | 2 | | | 5 | 7 | | | | | 13 | | | | 18 | 19 | | 22 | | 25 | | | | | 33 | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:165 | | | 3 | 4 | 6 | | | | | | | | | | | | 22 | | | | | | | 30 | 32 | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:166N | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | | 24 | | | | | | 33 | | | 37 | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:169 | 1 | | | | 6 | | | 9 | | 12 | | | | 18 | | | 21 | 22 | | | | | | | | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:170 | | | 3 | 4 | 6 | | | 9 | | | | | | | | | 21 | 22 | | | | | | 30 | 32 | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:171 | | 2 | | | 6 | | | | | | 13 | | | 18 | | | 22 | | | | | | | | | | | | | 42 | | | | | | | | | | | | | | | | | | | | | |
| *14:174 | | | 4 | 5 | 7 | | | | | | | | | | | | 22 | | | | | | 29 | | | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:177 | | | 3 | 4 | 6 | | | | | | | | | | | | 22 | | | | | | 29 | 30 | | | 36 | | | | | | | | | | | | | | | | | | | | | | | | |
| *14:178 | 1 | 2 | | | 6 | 7 | | | | 10 | 11 | 12 | | 18 | | | 22 | | | | | | | | | | | | 39 | | ? | 43 | | | | | | | | | | | | | | | | | | | |
| *14:182 | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | | |
| *14:183 | | | | | 6 | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | |
| *14:184 | 1 | 2 | | | 6 | | | | | 12 | 13 | | | 18 | | | 22 | 23 | | | | | | | 33 | | | | 39 | | ? | | | | | | | | 47 | | | | | | | | | | | | |
| *14:185 | 1 | 2 | | | 6 | | | | | 12 | w | | | 18 | | | 22 | | | | | | | | 33 | | | | 39 | 41 | ? | | | | | | | | | | | | | | | | | | | | |
| *14:186 | 1 | 2 | | | 6 | | | | | 12 | | | | 18 | 20 | | 23 | | | | | | | | | | | | | 39 | | ? | | | | | | | | | | | | | | | | | | | |
| 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 | | | |
| 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 | | | |
| *14:187 | 1 | | | | 6 | | | 9 | | 12 | | | | 16 | 18 | | | 23 | | | | | | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | |
| *14:188N | 1 | | | | 6 | | | | | 12 | | | | 16 | 18 | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Negative Control

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| *14:189 | 1 | 2 | | | 6 | | | 9 | | 12 | 13 | | | | 18 | | 22 | | | | | | | | 33 | | | | ? | | | | | | | | | | | | | | | | | | | | | | |
| *14:193 | 1 | 2 | | | 6 | | | | | 12 | | | | | 18 | | 22 | | | | | | | | 33 | | | | 39 | 42 | | | | | | | | | | | | | | | | | | | | | |
| *14:195N | | | 3 | 4 | 6 | | | | | | | | | | | | 22 | | | | 29 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *14:197N | 1 | 2 | | | 6 | | | | | 12 | 13 | | | | 18 | | 22 | | | | | | | | 33 | | | | 39 | 42 | | | 46 | 47 | | | | | | | | | | | | | | | | | |
| *14:198 | | | 3 | 4 | 5 | | | | | | | | | | | | 22 | 24 | | | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | |
| *14:199 | | | | | | | | 8 | | | 13 | | | | | | | | | | | | | | | | | | | 42 | | | | | | | | | | | | | | | | | | | | | |
| *14:200 | | 2 | 3 | 4 | 5 | | | | | 11 | 13 | | | | | | 22 | | 25 | | | | | | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *14:205 | | | | | | | | 8 | | | | | | | | 20 | | | | | | | | | 34 | 35 | | | | 42 | 43 | | | | | | | | | | | | | | | | | | | | |
| *14:208 | 1 | 2 | | | 5 | | | | | 11 | | | | | 18 | 20 | | 23 | 25 | | | | | 31 | 33 | | | 39 | | | | | | | | | | | | | | | | | | | | | | | |
| *01:02:01-01:01:02:05, 01:02:07-01:02:13, 01:20:02, 01:23, 01:26, 01:34, 01:43-01:44:02, 01:46, 01:54, 01:57, 01:74, 01:76, 01:81, 01:83, 01:86-01:88, 01:93-01:94, 01:96-01:97, 04:03:11, 04:06:05, 15:01:03, 15:02:06, 16:01:14, 16:02:05 | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *01:14 | | | | | | | | | | 11 | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:01-01-03:01:01:03, 03:01:03-03:01:16, 03:01:18-03:01:22, 03:01:25-03:01:28, 03:07:01-03:07:02, 03:19, 03:22-03:23, 03:28, 03:32, 03:34, 03:36-03:37, 03:39, 03:45-03:48, 03:50-03:51, 03:54-03:56, 03:59, 03:61-03:62, 03:64, 03:66-03:68N, 03:70, 03:71:02-03:73, 03:77-03:78, 03:83-03:84, 03:86, 03:89, 03:91, 03:93-03:95, 03:98, 03:100:01-03:100:02, 03:104, 03:106-03:110, 03:113-03:114, 03:116-03:117, 03:121, 03:124, 03:127-03:129, 03:132-03:137, 03:139, 03:141-03:144, 03:146-03:152, 03:156N, 03:159-03:161, 03:163, 13:01:07, 13:20, 13:71, 13:111, 13:114, 13:184, 13:223, 13:279 | | | | | 6 | | | | | | | | | 18 | | | 23 | | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:02 | | | | | 6 | | | | | | | | | | 18 | | | 23 | | | | | | 30 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:17 | | | | | 6 | | | | | | | 16 | | | 18 | | | 23 | | | | | | 30 | | | | | | | 43 | | | | | | | | | | | | | | | | | | | | |
| *03:01:23, 03:16, 03:82, 03:138 | | | | | 6 | | | | | | | | | | 18 | | | | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:01:24, 03:112 | | | | | 6 | | | | | | | | | | w | | | 23 | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:02:01, 03:02:03-03:02:04, 03:74, 03:102-03:103, 03:115, 03:131, 03:154, 13:235 | | | | 4 | 5 | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:02:02 | | | | 4 | 5 | | | | | | | | | | | | | 22 | | | | | | 30 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:03 | | | | 4 | 6 | | | | | | | | | | | | | 22 | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:04:01-03:04:02 | | | | | 6 | | | | | | | | | | 18 | | | 23 | | | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | |
| *03:05:01-03:05:02, 03:09, 03:40, 13:02:10, 13:14:01-13:14:03, 13:23:01-13:23:02, 13:25, 13:29, 13:56, 13:62-13:63, 13:74, 13:82, 13:97:01-13:97:02, 13:132, 13:140, 13:224, 13:247 | | | | | 5 | | | | | | | | | | 18 | | | 23 | | | | | | 30 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:05:03, 03:130 | | | | | | | | | | | | | | | 18 | | | 23 | | | | | | 30 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:06, 03:80 | | | | | 6 | | | | | | | | | | 18 | | | 22 | | | | | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *03:08, 03:140, 11:40, 11:59 | | | | | 6 | | | | | | | | | | 18 | | | 23 | | | | | | 30 | | | | | | | | | | 37 | | | | | | | | | | | | | | | | | |
| 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 | | | |
| 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 | | | |
| *03:10 | | 2 | | | | 6 | | | | | | | 13 | | | | | 18 | | | | | | 23 | | | | | | | 30 | 31 | | 33 | | | | | | | | | | | | | | | | | |
| *03:11:01 | | | | | | 6 | | | | | | 12 | | | | | | 18 | | | | | | 23 | | | | | | | | 30 | | | | | | 36 | | | | | | | | | | | | | |
| *03:12 | | | | | | 6 | | | 9 | | | | | | | | | 18 | | 21 | | | 23 | | | | | | | | 30 | | 32 | | | | | | | | | | | | | | | | | | |

Negative Control

