|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 1 | DP6001 |  | No resistance | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | Diseased pig | AA |  |
| 2 | AP161 |  | No resistance | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | Asymptomatic pig | NT |  |
| 3 | DP6002 |  | GEN |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | Diseased pig | NT |  |
| 4 | H001 |  | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | Human patient | 2 |  |
| 5 | DP6003 |  | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | Diseased pig | 34 |  |
| 6 | DP6004 |  | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | Diseased pig | 1 |  |
| 7 | H002 |  | DOX | TET | TIA |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | Human patient | 2 |  |
| 8 | AP011 |  | DOX | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 | Asymptomatic pig | 9 |  |
| 9 | AP009 |  | DOX | TET | TIA | LEV |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 | Asymptomatic pig | 22 |  |
| 10 | AP165 |  | DOX | TET | ENR | LEV | SXT |  |  |  |  |  |  |  |  |  |  |  |  | 7 \* | Asymptomatic pig | NT |  |
| 11 | H003 |  | DOX | TET | CIP | NOR |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 | Human patient | 2 |  |
| 12 | H004 |  | DOX | TET | CIP | NOR |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 | Human patient | 2 |  |
| 13 | DP6005 |  | DOX | GEN | TIA |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9 | Diseased pig | NT |  |
| 14 | AP162 |  | DOX | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 | Asymptomatic pig | NT |  |
| 15 | H009 |  | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 | Human patient | 2 |  |
| 16 | AP056 |  | CTX | CTF | AZM | CLI | DOX | ERY | TET | TIA | ENR |  |  |  |  |  |  |  |  | 12 \* | Asymptomatic pig | 9 |  |
| 17 | AP051 |  | CTX | AZM | CLI | DOX | TET | TIA | LEV |  |  |  |  |  |  |  |  |  |  | 13 \* | Asymptomatic pig | 28 |  |
| 18 | AP169 |  | CLI | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 \* | Asymptomatic pig | NT |  |
| 19 | AP097 |  | CLI | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  |  |  | 15 | Asymptomatic pig | AA |  |
| 20 | AP090 |  | CLI | DOX | TET | TIA | LEV |  |  |  |  |  |  |  |  |  |  |  |  | 16 | Asymptomatic pig | AA |  |
| 21 | AP019 |  | CLI | DOX | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  |  |  | 17 | Asymptomatic pig | 28 |  |
| 22 | AP075 |  | CLI | DOX | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  |  |  | 17 | Asymptomatic pig | AA |  |
| 23 | AP163 |  | CLI | DOX | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  |  |  | 17 | Asymptomatic pig | NT |  |
| 24 | AP100 |  | CLI | DOX | GEN | TET | TIA | NOR |  |  |  |  |  |  |  |  |  |  |  | 18 | Asymptomatic pig | AA |  |
| 25 | AP010 |  | CLI | DOX | GEN | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  | 19 | Asymptomatic pig | 34 |  |
| 26 | AP101 |  | CLI | DOX | GEN | TET | TIA | CIP | NOR | SXT |  |  |  |  |  |  |  |  |  | 20 | Asymptomatic pig | AA |  |
| 27 | AP044 |  | CLI | DOX | GEN | TET | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  |  |  | 21 \* | Asymptomatic pig | 34 |  |
| 28 | DP6016 |  | CFL | VAN | AZM | CLI | DOX | ERY | TET | TIA | ENR | SXT |  |  |  |  |  |  |  | 22 \* | Diseased pig | 23 |  |
| 29 | AP126 |  | CFL | PEN | CLI | DOX | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 23 \* | Asymptomatic pig | AA |  |
| 30 | AP139 |  | CFL | PEN | CLI | DOX | GEN | TET | TIA | LEV |  |  |  |  |  |  |  |  |  | 25 \* | Asymptomatic pig | AA |  |
| 31 | AP131 |  | CFL | PEN | AZM | CLI | DOX | GEN | TET | TIA | NOR |  |  |  |  |  |  |  |  | 26 \* | Asymptomatic pig | AA |  |
| 32 | AP140 |  | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | NOR | LEV |  |  |  |  |  |  |  | 27 \* | Asymptomatic pig | AA |  |
| 33 | AP134 |  | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | NOR | SXT |  |  |  |  |  |  | 28 \* | Asymptomatic pig | AA |  |
| 34 | AP136 |  | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 29 \* | Asymptomatic pig | AA |  |
| 35 | AP138 |  | CFL | PEN | AZM | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  | 30 \* | Asymptomatic pig | AA |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 36 | AP058 |  | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  | 31 \* | Asymptomatic pig | 29 |  |
| 37 | AP183 |  | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  | 31 \* | Asymptomatic pig | NT |  |
| 38 | AP059 |  | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR |  |  |  |  |  | 32 \* | Asymptomatic pig | 22 |  |
| 39 | AP137 |  | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  | 33 \* | Asymptomatic pig | AA |  |
| 40 | AP184 |  | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 34 \* | Asymptomatic pig | NT |  |
| 41 | AP132 |  | CFL | PEN | AZM | CHL | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  | 35 \* | Asymptomatic pig | AA |  |
| 42 | AP135 |  | CFL | PEN | AZM | CHL | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  | 36 \* | Asymptomatic pig | AA |  |
| 43 | AP124 |  | CFL | GEN |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 37 | Asymptomatic pig | AA |  |
| 44 | AP076 |  | CFL | GEN | CIP | NOR |  |  |  |  |  |  |  |  |  |  |  |  |  | 38 \* | Asymptomatic pig | AA |  |
| 45 | AP181 |  | CFL | CTX | VAN | CLI | DOX | TET | TIA | CIP | ENR | SXT |  |  |  |  |  |  |  | 39 \* | Asymptomatic pig | NT |  |
| 46 | DP6008 |  | CFL | CTX | CTF | VAN | CLI | GEN | TIA |  |  |  |  |  |  |  |  |  |  | 40 | Diseased pig | NT |  |
| 47 | DP1523 |  | CFL | CTX | CTF | PEN | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  | 41 \* | Diseased pig | 2 |  |
| 48 | AP055 |  | CFL | CTX | CTF | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  | 42 | Asymptomatic pig | 30 |  |
| 49 | AP182 |  | CFL | CTX | CTF | AZM | CLI | DOX | ERY | TET | TIA | ENR |  |  |  |  |  |  |  | 43 \* | Asymptomatic pig | NT |  |
| 50 | DP6011 |  | CFL | CTX | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR |  |  |  |  |  |  |  | 44 \* | Diseased pig | NT |  |
| 51 | AP052 |  | CFL | CTX | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 45 \* | Asymptomatic pig | 25 |  |
| 52 | DP6021 |  | CFL | CTX | AZM | CHL | CLI | DOX | ERY | FFC | TET | TIA | CIP | ENR | NOR | SXT |  |  |  | 46 \* | Diseased pig | AA |  |
| 53 | AP091 |  | CFL | CTF | CLI | DOX | ERY | GEN | TIA |  |  |  |  |  |  |  |  |  |  | 47 | Asymptomatic pig | AA |  |
| 54 | AP123 |  | CFL | CTF | CLI | DOX | ERY | FFC | TET | TIA | ENR | NOR | SXT |  |  |  |  |  |  | 48 \* | Asymptomatic pig | AA |  |
| 55 | DP6009 |  | CFL | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR |  |  |  |  |  |  |  |  | 49 \* | Diseased pig | NT |  |
| 56 | AP180 |  | CFL | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  |  |  | 50 \* | Asymptomatic pig | NT |  |
| 57 | AP031 |  | CFL | AZM | CLI | ERY | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  |  | 51 \* | Asymptomatic pig | 19 |  |
| 58 | AP099 |  | CFL | AZM | CLI | ERY | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  |  | 51 \* | Asymptomatic pig | AA |  |
| 59 | AP037 |  | CFL | AZM | CLI | ERY | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  |  |  | 52 \* | Asymptomatic pig | 19 |  |
| 60 | AP053 |  | CFL | AZM | CLI | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 53 \* | Asymptomatic pig | 22 |  |
| 61 | AP120 |  | CFL | AZM | CLI | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 54 \* | Asymptomatic pig | AA |  |
| 62 | AP128 |  | CFL | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  |  | 55 \* | Asymptomatic pig | AA |  |
| 63 | AP054 |  | CFL | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR |  |  |  |  |  |  | 56 | Asymptomatic pig | 22 |  |
| 64 | AP117 |  | CFL | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 57 \* | Asymptomatic pig | AA |  |
| 65 | AP121 |  | CFL | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 57 \* | Asymptomatic pig | AA |  |
| 66 | AP050 |  | CFL | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | LEV |  |  |  |  |  | 58 \* | Asymptomatic pig | 21 |  |
| 67 | AP122 |  | CFL | AZM | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  | 59 \* | Asymptomatic pig | AA |  |
| 68 | AP179 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  | 60 \* | Asymptomatic pig | NT |  |
| 69 | AP125 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 61 \* | Asymptomatic pig | AA |  |
| 70 | AP168 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  | 62 \* | Asymptomatic pig | NT |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 71 | DP6017 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | CIP | NOR |  |  |  |  |  |  |  |  | 63 \* | Diseased pig | NT |  |
| 72 | AP046 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  | 64 \* | Asymptomatic pig | 3 |  |
| 73 | AP096 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  |  | 65 \* | Asymptomatic pig | AA |  |
| 74 | AP178 |  | CFL | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  |  | 65 \* | Asymptomatic pig | NT |  |
| 75 | DP6006 |  | AZM | CLI | ERY | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  |  | 66 | Diseased pig | NT |  |
| 76 | AP008 |  | AZM | CLI | ERY | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  |  | 66 | Asymptomatic pig | 22 |  |
| 77 | AP073 |  | AZM | CLI | ERY | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  |  | 66 | Asymptomatic pig | AA |  |
| 78 | AP074 |  | AZM | CLI | ERY | TIA | SXT |  |  |  |  |  |  |  |  |  |  |  |  | 66 | Asymptomatic pig | AA |  |
| 79 | AP020 |  | AZM | CLI | ERY | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  |  |  |  | 67 \* | Asymptomatic pig | 22 |  |
| 80 | AP013 |  | AZM | CLI | ERY | TIA | NOR |  |  |  |  |  |  |  |  |  |  |  |  | 68 | Asymptomatic pig | 22 |  |
| 81 | AP176 |  | AZM | CLI | ERY | TIA | ENR |  |  |  |  |  |  |  |  |  |  |  |  | 69 | Asymptomatic pig | NT |  |
| 82 | AP079 |  | AZM | CLI | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  |  | 70 \* | Asymptomatic pig | AA |  |
| 83 | AP045 |  | AZM | CLI | ERY | TET | TIA | CIP | NOR | LEV | SXT |  |  |  |  |  |  |  |  | 71 \* | Asymptomatic pig | 16 |  |
| 84 | AP164 |  | AZM | CLI | ERY | SXT |  |  |  |  |  |  |  |  |  |  |  |  |  | 72 | Asymptomatic pig | NT |  |
| 85 | AP043 |  | AZM | CLI | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 73 | Asymptomatic pig | 12 |  |
| 86 | H005 |  | AZM | CLI | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  | 74 | Human patient | 2 |  |
| 87 | H006 |  | AZM | CLI | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  | 74 | Human patient | 2 |  |
| 88 | H007 |  | AZM | CLI | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  | 74 | Human patient | 2 |  |
| 89 | H008 |  | AZM | CLI | DOX | TET |  |  |  |  |  |  |  |  |  |  |  |  |  | 74 | Human patient | 2 |  |
| 90 | DP6012 |  | AZM | CLI | DOX | TET | NOR |  |  |  |  |  |  |  |  |  |  |  |  | 75 | Diseased pig | 2 |  |
| 91 | AP004 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR |  |  |  |  |  |  |  |  |  |  | 76 | Asymptomatic pig | 2 |  |
| 92 | AP035 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR |  |  |  |  |  |  |  |  |  |  | 76 | Asymptomatic pig | 30 |  |
| 93 | AP172 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR |  |  |  |  |  |  |  |  |  |  | 76 | Asymptomatic pig | NT |  |
| 94 | AP175 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR |  |  |  |  |  |  |  |  |  |  | 76 | Asymptomatic pig | NT |  |
| 95 | DP6014 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Diseased pig | 14 |  |
| 96 | AP026 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Asymptomatic pig | 5 |  |
| 97 | AP027 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Asymptomatic pig | 27 |  |
| 98 | AP028 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Asymptomatic pig | 30 |  |
| 99 | AP039 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Asymptomatic pig | 5 |  |
| 100 | AP041 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Asymptomatic pig | 9 |  |
| 101 | AP171 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 77 | Asymptomatic pig | NT |  |
| 102 | H010 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 103 | H011 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 104 | H012 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 105 | H013 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 106 | H014 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 107 | H015 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 108 | H016 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 109 | H017 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 110 | H019 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 111 | H020 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 112 | H021 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 113 | H022 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 114 | H023 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Human patient | 2 |  |
| 115 | AP001 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 2 |  |
| 116 | AP003 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 2 |  |
| 117 | AP012 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 3 |  |
| 118 | AP014 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 3 |  |
| 119 | AP015 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 3 |  |
| 120 | AP016 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 3 |  |
| 121 | AP017 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | 7 |  |
| 122 | AP078 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | AA |  |
| 123 | AP166 |  | AZM | CLI | DOX | ERY | TET |  |  |  |  |  |  |  |  |  |  |  |  | 78 | Asymptomatic pig | NT |  |
| 124 | H018 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Human patient | 2 |  |
| 125 | H027 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Human patient | 2 |  |
| 126 | DP1501 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Diseased pig | 2 |  |
| 127 | DP1503 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Diseased pig | 2 |  |
| 128 | DP1522 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Diseased pig | 2 |  |
| 129 | AP002 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Asymptomatic pig | 2 |  |
| 130 | AP005 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Asymptomatic pig | 2 |  |
| 131 | AP018 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Asymptomatic pig | 9 |  |
| 132 | AP077 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Asymptomatic pig | AA |  |
| 133 | AP080 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Asymptomatic pig | AA |  |
| 134 | AP113 |  | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  |  |  |  | 79 | Asymptomatic pig | AA |  |
| 135 | AP081 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 136 | AP082 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 137 | AP085 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 138 | AP098 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 139 | AP102 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 140 | AP103 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 141 | AP104 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 142 | AP107 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 143 | AP110 |  | AZM | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 80 | Asymptomatic pig | AA |  |
| 144 | H025 |  | AZM | CLI | DOX | ERY | TET | NOR |  |  |  |  |  |  |  |  |  |  |  | 81 | Human patient | 2 |  |
| 145 | AP022 |  | AZM | CLI | DOX | ERY | TET | NOR |  |  |  |  |  |  |  |  |  |  |  | 81 | Asymptomatic pig | 7 |  |
| 146 | AP006 |  | AZM | CLI | DOX | ERY | TET | CIP | NOR |  |  |  |  |  |  |  |  |  |  | 82 | Asymptomatic pig | 2 |  |
| 147 | AP007 |  | AZM | CLI | DOX | ERY | TET | CIP | NOR |  |  |  |  |  |  |  |  |  |  | 82 | Asymptomatic pig | 2 |  |
| 148 | DP1502 |  | AZM | CLI | DOX | ERY | TET | SXT |  |  |  |  |  |  |  |  |  |  |  | 83 | Diseased pig | 2 |  |
| 149 | DP6007 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Diseased pig | NT |  |
| 150 | AP042 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Asymptomatic pig | 9 |  |
| 151 | AP083 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Asymptomatic pig | AA |  |
| 152 | AP084 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Asymptomatic pig | AA |  |
| 153 | AP086 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Asymptomatic pig | AA |  |
| 154 | AP109 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Asymptomatic pig | AA |  |
| 155 | AP092 |  | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  |  | 84 \* | Asymptomatic pig | AA |  |
| 156 | AP034 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | 16 |  |
| 157 | AP040 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | 5 |  |
| 158 | AP087 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | AA |  |
| 159 | AP105 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | AA |  |
| 160 | AP170 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | NT |  |
| 161 | AP174 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | NT |  |
| 162 | AP177 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  |  | 85 \* | Asymptomatic pig | NT |  |
| 163 | AP152 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | NOR | SXT |  |  |  |  |  |  |  |  | 86 \* | Asymptomatic pig | AA |  |
| 164 | AP033 |  | AZM | CLI | DOX | ERY | TET | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  |  | 87 \* | Asymptomatic pig | 22 |  |
| 165 | DP6010 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  |  | 88 \* | Diseased pig | NT |  |
| 166 | AP094 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  |  | 88 \* | Asymptomatic pig | AA |  |
| 167 | AP127 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  |  | 88 \* | Asymptomatic pig | AA |  |
| 168 | AP118 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV |  |  |  |  |  |  |  | 89 | Asymptomatic pig | AA |  |
| 169 | AP049 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  |  |  | 90 \* | Asymptomatic pig | 22 |  |
| 170 | AP167 |  | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  |  |  | 90 \* | Asymptomatic pig | NT |  |
| 171 | DP6013 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  | 91 | Diseased pig | 2 |  |
| 172 | DP1507 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  | 91 | Diseased pig | 2 |  |
| 173 | DP1509 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  | 91 | Diseased pig | 2 |  |
| 174 | AP095 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA |  |  |  |  |  |  |  |  |  |  | 91 | Asymptomatic pig | AA |  |
| 175 | H024 |  | AZM | CLI | DOX | ERY | GEN | TET |  |  |  |  |  |  |  |  |  |  |  | 92 | Human patient | 2 |  |
| 176 | H026 |  | AZM | CLI | DOX | ERY | GEN | TET |  |  |  |  |  |  |  |  |  |  |  | 92 | Human patient | 2 |  |
| 177 | DP1508 |  | AZM | CLI | DOX | ERY | GEN | TET | SXT |  |  |  |  |  |  |  |  |  |  | 93 | Diseased pig | 2 |  |
| 178 | AP023 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  |  |  | 94 | Asymptomatic pig | 12 |  |
| 179 | AP036 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  |  |  | 94 | Asymptomatic pig | 15 |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 180 | AP173 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  |  |  |  | 94 | Asymptomatic pig | NT |  |
| 181 | DP1511 |  | AZM | CLI | DOX | ERY | GEN | TET | NOR | SXT |  |  |  |  |  |  |  |  |  | 95 \* | Diseased pig | 2 |  |
| 182 | DP1510 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR |  |  |  |  |  |  |  |  |  | 96 | Diseased pig | 2 |  |
| 183 | DP1512 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR |  |  |  |  |  |  |  |  |  | 96 | Diseased pig | 2 |  |
| 184 | DP6015 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Diseased pig | 16 |  |
| 185 | DP1515 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Diseased pig | 2 |  |
| 186 | DP1516 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Diseased pig | 2 |  |
| 187 | DP1517 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Diseased pig | 2 |  |
| 188 | DP1518 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Diseased pig | 2 |  |
| 189 | DP1519 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Diseased pig | 2 |  |
| 190 | AP021 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Asymptomatic pig | 1 |  |
| 191 | AP088 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Asymptomatic pig | AA |  |
| 192 | AP106 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Asymptomatic pig | AA |  |
| 193 | AP108 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Asymptomatic pig | AA |  |
| 194 | AP111 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Asymptomatic pig | AA |  |
| 195 | AP112 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  |  | 97 \* | Asymptomatic pig | AA |  |
| 196 | AP093 |  | AZM | CLI | DOX | ERY | GEN | TET | CIP | NOR | SXT |  |  |  |  |  |  |  |  | 98 \* | Asymptomatic pig | AA |  |
| 197 | AP114 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  | 99 \* | Asymptomatic pig | AA |  |
| 198 | AP115 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  | 99 \* | Asymptomatic pig | AA |  |
| 199 | AP116 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | LEV | SXT |  |  |  |  |  |  |  | 99 \* | Asymptomatic pig | AA |  |
| 200 | AP038 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | LEV |  |  |  |  |  |  |  |  |  | 100 | Asymptomatic pig | 24 |  |
| 201 | AP030 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  | 101 \* | Asymptomatic pig | 30 |  |
| 202 | AP032 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  | 101 \* | Asymptomatic pig | 30 |  |
| 203 | DP1520 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | NOR | SXT |  |  |  |  |  |  |  | 102 \* | Diseased pig | 2 |  |
| 204 | AP029 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | NOR | SXT |  |  |  |  |  |  |  | 102 \* | Asymptomatic pig | 34 |  |
| 205 | AP089 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR |  |  |  |  |  |  |  | 103 | Asymptomatic pig | AA |  |
| 206 | AP024 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  | 104 \* | Asymptomatic pig | 16 |  |
| 207 | AP025 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  | 104 \* | Asymptomatic pig | 16 |  |
| 208 | AP047 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  | 104 \* | Asymptomatic pig | 22 |  |
| 209 | AP048 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  | 104 \* | Asymptomatic pig | 16 |  |
| 210 | AP119 |  | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  |  | 105 \* | Asymptomatic pig | AA |  |
| 211 | DP1504 |  | AZM | CLI | DOX | ERY | FFC | TET | TIA |  |  |  |  |  |  |  |  |  |  | 106 | Diseased pig | 2 |  |
| 212 | DP1505 |  | AZM | CLI | DOX | ERY | FFC | TET | TIA |  |  |  |  |  |  |  |  |  |  | 106 | Diseased pig | 2 |  |
| 213 | DP1506 |  | AZM | CLI | DOX | ERY | FFC | TET | TIA |  |  |  |  |  |  |  |  |  |  | 106 | Diseased pig | 2 |  |
| 214 | DP1513 |  | AZM | CLI | DOX | ERY | FFC | GEN | TET | TIA |  |  |  |  |  |  |  |  |  | 107 | Diseased pig | 2 |  |
| 215 | DP1514 |  | AZM | CLI | DOX | ERY | FFC | GEN | TET | TIA |  |  |  |  |  |  |  |  |  | 107 | Diseased pig | 2 |  |
| 216 | DP1521 |  | AZM | CLI | DOX | ERY | FFC | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  | 108 \* | Diseased pig | 2 |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 217 | DP6020 |  | AZM | CHL | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 109 \* | Diseased pig | AA |  |
| 218 | AP145 |  | AMP | CFL | PEN | CLI | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  |  |  | 110 \* | Asymptomatic pig | AA |  |
| 219 | AP142 |  | AMP | CFL | PEN | CLI | DOX | GEN | TET | TIA | NOR | SXT |  |  |  |  |  |  |  | 111 \* | Asymptomatic pig | AA |  |
| 220 | AP141 |  | AMP | CFL | PEN | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 112 \* | Asymptomatic pig | AA |  |
| 221 | AP154 |  | AMP | CFL | PEN | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  |  | 113 \* | Asymptomatic pig | AA |  |
| 222 | AP143 |  | AMP | CFL | PEN | CLI | DOX | TET | TIA | LEV | SXT |  |  |  |  |  |  |  |  | 114 \* | Asymptomatic pig | AA |  |
| 223 | AP150 |  | AMP | CFL | PEN | CHL | CLI | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 115 \* | Asymptomatic pig | AA |  |
| 224 | AP149 |  | AMP | CFL | PEN | AZM | CLI | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  | 116 \* | Asymptomatic pig | AA |  |
| 225 | AP144 |  | AMP | CFL | PEN | AZM | CLI | ERY | TET | TIA | SXT |  |  |  |  |  |  |  |  | 116 \* | Asymptomatic pig | AA |  |
| 226 | AP061 |  | AMP | CFL | PEN | AZM | CLI | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 117 \* | Asymptomatic pig | 22 |  |
| 227 | AP146 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA |  |  |  |  |  |  |  |  | 118 | Asymptomatic pig | AA |  |
| 228 | AP148 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  |  | 119 \* | Asymptomatic pig | AA |  |
| 229 | AP147 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | LEV | SXT |  |  |  |  |  |  | 120 \* | Asymptomatic pig | AA |  |
| 230 | AP065 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | NOR | SXT |  |  |  |  |  | 121 \* | Asymptomatic pig | 9 |  |
| 231 | AP062 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  | 122 \* | Asymptomatic pig | 29 |  |
| 232 | AP156 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  | 122 \* | Asymptomatic pig | AA |  |
| 233 | AP157 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  | 122 \* | Asymptomatic pig | AA |  |
| 234 | AP069 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 123 \* | Asymptomatic pig | 22 |  |
| 235 | AP070 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 123 \* | Asymptomatic pig | 22 |  |
| 236 | AP133 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 123 \* | Asymptomatic pig | AA |  |
| 237 | AP159 |  | AMP | CFL | PEN | AZM | CLI | DOX | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  |  |  | 123 \* | Asymptomatic pig | AA |  |
| 238 | AP153 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | SXT |  |  |  |  |  |  | 124 \* | Asymptomatic pig | AA |  |
| 239 | AP151 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | SXT |  |  |  |  |  | 125 \* | Asymptomatic pig | AA |  |
| 240 | AP185 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | LEV | SXT |  |  |  |  | 126 \* | Asymptomatic pig | NT |  |
| 241 | AP068 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  | 127 \* | Asymptomatic pig | 29 |  |
| 242 | AP155 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  | 127 \* | Asymptomatic pig | AA |  |
| 243 | AP187 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  |  | 127 \* | Asymptomatic pig | NT |  |
| 244 | AP188 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  | 128 \* | Asymptomatic pig | NT |  |
| 245 | AP189 |  | AMP | CFL | PEN | AZM | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT |  | 129 \* | Asymptomatic pig | NT |  |
| 246 | AP186 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | TET | TIA | NOR | SXT |  |  |  |  |  | 130 \* | Asymptomatic pig | NT |  |
| 247 | AP063 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | TET | TIA | NOR | LEV | SXT |  |  |  |  | 131 \* | Asymptomatic pig | 24 |  |
| 248 | AP067 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR |  |  |  |  | 132 \* | Asymptomatic pig | 29 |  |
| 249 | AP066 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | GEN | TET | TIA |  |  |  |  |  |  | 133 | Asymptomatic pig | 9 |  |
| 250 | AP064 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | GEN | TET | TIA | NOR |  |  |  |  |  | 134 \* | Asymptomatic pig | 22 |  |
| 251 | AP071 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | SXT |  | 135 \* | Asymptomatic pig | 30 |  |
| 252 | AP160 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | SXT |  | 135 \* | Asymptomatic pig | AA |  |
| 253 | DP6022 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT | 136 \* | Diseased pig | 22 |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary data** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Table S1 (continued)** | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **No.** | **Strain** |  | **AMR patterns** | | | | | | | | | | | | | | | | | **AMR pattern No.** | **Source** | **Serotype** |  |
| 254 | DP6023 |  | AMP | CFL | PEN | AZM | CHL | CLI | DOX | ERY | FFC | GEN | TET | TIA | CIP | ENR | NOR | LEV | SXT | 136 \* | Diseased pig | 22 |  |
| 255 | AP072 |  | AMP | CFL | CTX | PEN | AZM | CLI | DOX | ERY | GEN | TET | TIA | CIP | ENR | NOR | SXT |  |  | 137 \* | Asymptomatic pig | 22 |  |
| 256 | AP158 |  | AMP | CFL | CTX | PEN | AZM | CHL | CLI | DOX | ERY | FFC | TET | TIA | SXT |  |  |  |  | 138 \* | Asymptomatic pig | AA |  |
| 257 | DP6018 |  | AMP | CFL | CTX | CTF | PEN | VAN | CLI | DOX | GEN | TET |  |  |  |  |  |  |  | 139 | Diseased pig | 25 |  |
| 258 | DP6019 |  | AMP | CFL | CTX | CTF | PEN | AZM | CHL | CLI | DOX | ERY | TET | TIA | SXT |  |  |  |  | 140 | Diseased pig | NT |  |
| 259 | AP129 |  | AMP | CFL | CLI | DOX | TET | TIA | SXT |  |  |  |  |  |  |  |  |  |  | 141 \* | Asymptomatic pig | AA |  |
| 260 | AP130 |  | AMP | CFL | AZM | CLI | DOX | ERY | TET | TIA | CIP | ENR | NOR | SXT |  |  |  |  |  | 142 \* | Asymptomatic pig | AA |  |
| 261 | AP060 |  | AMP | CFL | AZM | CLI | DOX | ERY | GEN | TET | TIA | NOR | LEV | SXT |  |  |  |  |  | 143 \* | Asymptomatic pig | 22 |  |
| 262 | AP057 |  | AMP | CFL | AZM | CLI | DOX | ERY | TET | NOR | SXT |  |  |  |  |  |  |  |  | 144 \* | Asymptomatic pig | 22 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |