

Appendix Table. Isolates, MICs, *cyp51A* mutations, and molecular similarity, by patient*

| Patient no. | Isolate | Susceptibility | | | Cyp51A amino acid substitutions | Molecular type |
|-------------|---------|----------------|--------------|--------------|---------------------------------|--------------------|
| | | Itraconazole | Voriconazole | Posaconazole | | |
| 1 | F13619 | >8 | >8 | 0.5 | H147Y G448S | ND |
| 2 | F16134 | >8 | 4 | >8 | M220K | ND |
| 3 | F14532 | >8 | 1 | 0.5 | M220T | Probable same type |
| 3 | F15390 | >8 | 4 | 1 | M220T | |
| 3 | A8 | >8 | 4 | >8 | M220K | |
| 3 | A12 | >8 | 4 | >8 | M220K | |
| 3 | A13 | >8 | 1 | 0.25 | M220T | |
| 3 | A19 | >8 | 1 | 0.25 | M220T | |
| 3 | A22 | >8 | 2 | 1 | M220T | |
| 3 | A39† | >8 | 1 | 0.25 | M220T | |
| 4 | F5211 | 0.5 | 1 | 0.125 | NF | Same type |
| 4 | F6919 | >8 | 2 | 2 | M220K | |
| 4 | F7075 | >8 | 1 | >8 | G54E | |
| 5 | F17764 | 0.25 | 2 | 0.06 | NF | Different type |
| 5 | F5927 | >8 | 2 | 0.125 | F46Y M172V E427K | |
| 6 | F13402 | 0.125 | 0.5 | 0.06 | NF | Probable same type |
| 6 | F14403 | >8 | 0.5 | >8 | G54R | |
| 7 | F7763 | >8 | 2 | 0.25 | F46Y M172V N248T D255E E427K | ND |
| 8 | F15767 | 0.25 | 0.5 | 0.06 | NF | Different type |
| 8 | F16216 | >8 | 8 | 2 | L98H+TR | |
| 9 | F11628 | >8 | >8 | >8 | G138C | Same type |
| 9 | F12041 | >8 | >8 | >8 | G138C | |
| 9 | F12760 | >8 | 8 | 2 | G138C | |
| 9 | F12776 | >8 | 4 | 1 | Y431C | |
| 9 | F12865 | >8 | 8 | 2 | G138C | |
| 9 | F13535 | >8 | 8 | 2 | G138C | |
| 9 | F13746 | >8 | 8 | 2 | G138C | |
| 9 | F13747 | >8 | 4 | 1 | G434C | |
| 9 | F13952 | >8 | >8 | >8 | G138C | |
| 9 | F14513 | >8 | >8 | >8 | G138C | |
| 9 | F14811 | >8 | >8 | >8 | G138C | |
| 9 | F14946 | >8 | >8 | >8 | G138C | |
| 10 | F16311 | >8 | 8 | 1 | NF | |
| 10 | F16351 | >8 | 4 | 0.5 | NF | |
| 11 | F15651 | >8 | 4 | 0.25 | F46Y M172V E427K | ND |
| 11 | F17103 | >8 | 4 | 0.5 | F46Y M172V E427K | |
| 12 | F16157 | >8 | 0.5 | 1 | G54V | ND |
| 13 | F11698 | 0.25 | 0.5 | 0.03 | NF | Same type |
| 13 | F12219 | >8 | 0.125 | 1 | G54R | |
| 13 | F12636 | >8 | 0.125 | 1 | G54E | |
| 13 | F15122 | >8 | >8 | 1 | G448S | |
| 14 | F15861 | >8 | 1 | 1 | P216L | ND |
| 15 | F16510 | >8 | 2 | 0.25 | NF | ND |
| 16 | F16867 | >8 | 2 | 0.125 | E427G | ND |
| 17 | F17294 | >8 | 8 | 1 | L98H+TR | ND |

*ND, not determined; NF, not found; TR, tandem repeat in *cyp51A* promoter region.†The *cyp51A* gene was partially sequenced for an additional 12 isolates from this patient (data not shown).