Supplemental table 1 Source of tested strains

| Strains          | Isolation site     | Underlying disease        |
|------------------|--------------------|---------------------------|
| *Aspergillus* spp. |                    |                           |
| *A. fumigatus*    |                    |                           |
| AF293            | Lung               | Invasive aspergillosis    |
| AF001            | Lung               | Invasive aspergillosis    |
| AF002            | Lung               | Invasive aspergillosis    |
| AF003            | Lung               | Invasive aspergillosis    |
| AF004            | Lung               | Invasive aspergillosis    |
| AF005            | Lung               | Invasive aspergillosis    |
| AF006            | Lung               | Invasive aspergillosis    |
| AF007            | Lung               | Invasive aspergillosis    |
| AF008            | Lung               | Invasive aspergillosis    |
| AF009            | Lung               | Invasive aspergillosis    |
| AF010            | Lung               | Invasive aspergillosis    |
| AF011            | External auditory canal | Otomycosis                |
| AF012            | External auditory canal | Otomycosis                |
| AF013            | Lung               | Invasive aspergillosis    |
| R1(TR34/L98H)     | Lung               | Invasive aspergillosis    |
| R2(TR34/L98H)     | Lung               | Invasive aspergillosis    |
| R3(TR34/L98H)     | Lung               | Invasive aspergillosis    |
| R4(TR46/Y121F/T289A) | Lung       | Invasive aspergillosis    |
| *A. flavus*       |                    |                           |
| AFLA-1           | Lung               | Invasive aspergillosis    |
| AFLA-2           | Lung               | Invasive aspergillosis    |
| ALFA-3           | Lung               | Invasive aspergillosis    |
| *A. terreus*      |                    |                           |
| AT1              | Lung               | Invasive aspergillosis    |
| AT2              | Lung               | Invasive aspergillosis    |
| *Candida* spp.    |                    |                           |
| *C. auris*        |                    |                           |
| 381              | External auditory canal | Otomycosis                |
| 382              | Skin               | Burn wound infection      |
| 383              | Blood              | Candidaemia               |
| 384              | Blood              | Candidaemia               |
| 385              | Blood              | Candidaemia               |
| 386              | Blood              | Candidaemia               |
| 387              | Blood              | Candidaemia               |
| 388              | Blood              | Candidaemia               |
| 389              | BAL/lung           | Pneumonia                 |
| 390              | Blood              | Candidaemia               |
| *C. albicans*     |                    |                           |
| R2               | Vagina             | Candidal vaginitis        |
| Code  | Organ   | Pathological Condition          |
|-------|---------|---------------------------------|
| R9    | Vagina  | Candidal vaginitis              |
| R14   | Oral cavit | Mycotic stomatitis              |
| R15   | Blood   | Candidaemia                     |
| R65   | Blood   | Candidaemia                     |
| ATCC64550 | Blood | Candidaemia                     |
| C. krusei | ATCC00279 | Blood | Candidaemia                     |
| C. parapsilosis | ATCC22019 | Blood | Candidaemia                     |
| C. glabrata | BMU05448 | Blood | Candidaemia                     |
| C. tropicalis | BMU05150 | Oral | Mycotic stomatitis              |
| **Cryptococcus neoformans complex** | | |
| Z1    | Lung    | Cryptococcal pneumonia          |
| Z2    | Lung    | Cryptococcal pneumonia          |
| Z3    | Lung    | Cryptococcal pneumonia          |
| G5    | Brain   | Cryptococcal meningitis         |
| G6    | Brain   | Cryptococcal meningitis         |
| G7    | Brain   | Cryptococcal meningitis         |
| G8    | Brain   | Cryptococcal meningitis         |
| G9    | Brain   | Cryptococcal meningitis         |
| G10   | Brain   | Cryptococcal meningitis         |
| **Exophiala dermatitidis** | | |
| BMU00028 | Brain | Phaeohyphomycosis             |
| BMU00029 | Skin  | Phaeohyphomycosis             |
| BMU00030 | Skin  | Phaeohyphomycosis             |
| BMU00031 | Skin  | Phaeohyphomycosis             |
| BMU00034 | Skin  | Phaeohyphomycosis             |
| BMU00035 | Skin  | Phaeohyphomycosis             |
| BMU00036 | Skin  | Phaeohyphomycosis             |
| BMU00037 | Skin  | Phaeohyphomycosis             |
| BMU00038 | Skin  | Phaeohyphomycosis             |
| BMU00039 | Skin  | Phaeohyphomycosis             |
| BMU00041 | Skin  | Phaeohyphomycosis             |
| 109140 | Skin  | Phaeohyphomycosis             |
| 109144 | Skin  | Phaeohyphomycosis             |
| 109145 | Skin  | Phaeohyphomycosis             |
| 109148 | Skin  | Phaeohyphomycosis             |
| 109149 | Skin  | Phaeohyphomycosis             |
| 109152 | Skin  | Phaeohyphomycosis             |