**Table S1.** List of microorganisms used in this study.

|  |  |  |  |
| --- | --- | --- | --- |
| **Kingdoms** |  **Species** | **Strain numbers** | **Sources** |
| Fungi | *Rhodotorula mucilaginosa Rhizopus oligosporus Ustilago esculenta* | BCC63208 BCC17810 TBRC1037 | Thailand Bioresource Research Center, BIOTEC, NSTDA |
| *Candida albicans Aspergillus carbonarius Aspergillus flavus Curvularia lunata*  | MSCU0907 MACU0581 MSCU0850 MSCU0403 | Department of Microbiology, Faculty of Science, Chulalongkorn University |
| *Epidermophyton floccosum**Trichophyton rubrum**Cryptococcus neoformans**Microsporum gypseum**Flusarium* sp.*Phialophora verrucose**Penicillium marneffei**Candida krusei**Candida krusei**Candida glabrata**Candida glabrata**Histoplasma* sp.*Curvularia* sp.*Candida parapsilosis**Candida dubliniensis**Candida guilliermondii**Candida tropicalis**Candida tropicalis**Candida tropicalis**Candida albicans**Candida albicans**Candida albicans* *Candida albicans* | Clinical isolateClinical isolateClinical isolateClinical isolateClinical isolateClinical isolateClinical isolateClinical isolate 1Clinical isolate 2Clinical isolate 1Clinical isolate 2Clinical isolateClinical isolateClinical isolateClinical isolateClinical isolateClinical isolate 1Clinical isolate 2Clinical isolate 3Clinical isolate 1Clinical isolate 2Clinical isolate 3Clinical isolate 4 | Faculty of Medical Technology, Nakhonratchasima College |
| Bacteria | *Staphylococcus epidermidis Staphylococcus saprophyticus Salmonella typhimurium* *Escherichia coli* *Streptococcus pneumonia**Proteus mirabilis Staphylococcus aureus Shigella* sp. *Salmonella* sp. *Corynebacterium* sp. *Burkholderia cepacian Acinetobacter baumannii Klebsiella pneumoniae Pseudomonas aeruginosa Enterococcus* sp.*Neisseria gonorrhoeae Chlamydia trachomatis*  | ATCC12228ATCC15305ATCC14026ATCC25922Clinical isolateClinical isolateATCC25923 Clinical isolateClinical isolateClinical isolate Clinical isolate Clinical isolateClinical isolateClinical isolateClinical isolateClinical isolateClinical isolate | Department of Microbiology, Faculty of Science, Chulalongkorn University |