### **Supplementary Table 4**

Antibiotic resistance pattern of the dehumidifier isolates by disk diffusion method.

|  |  |  |  |
| --- | --- | --- | --- |
| **Organism (strain ID)/ antibacterial agent** | **Interpretation of zone diameters (mm)** | **Organism (strain ID)/ antibacterial agent** | **Interpretation of zone diameters (mm)** |
| *Sphingomonas ginsenosidimutans* /(HF930756.1) (a) | **mm** | **categorization** | *Pseudomonas fluorescens* / (KT223384.1) (b) | **mm** | **Categorization** |
| AmikacinCiprofloxacinDoripenemGentamicinMeropenemImipenemPiperacillinPiperacillin-tazobactam | 18.7±2.348.7±2.348.7±2.315.3±1.232.7±1.253.3±3.554.7±4.250.7±1.2 | ISSRSSSS | AmikacinCiprofloxacinDoripenemGentamicinMeropenemImipenemPiperacillinPiperacillin-tazobactam | 36±042±226.7±1.234.7±1.26±025.3±2.330±034.7±1.2 | SSSSRSSS |
| *Sphingomonas yunnanesis* / (JF459957.1) (a) |  |  | *Kocuria rhizophlia* /(KC429605.1)(c) |  |  |
| AmikacinCiprofloxacinDoripenemGentamicinMeropenemImipenemPiperacillinPiperacillin-tazobactam | 16±436±1.250±016±431.3±4.655.3±1.258±3.558±2 | ISSRSSSS | AmikacinCiprofloxacin Doripenem Gentamicin ImipenemPolyxaycin-BPiperacillin-tazobactam | 31.3±4.213.7±1.540+030±040+021.3±2.333.3±5.8 | SRSSSNDS |
| *Novosphingobium barchaimii* / (LN613112.1) (a) |  |  | *Staphylococcus pasteuri* / (KR856343.1) (c) |  |  |
| AmikacinCiprofloxacinDoripenemGentamicinMeropenemImipenemPiperacillinPiperacillin-tazobactam | 28±028±1.242.7±2.331.3±030±050±026.7±1.230±0 | SSSSSSSS | AmikacinCiprofloxacinGentamicinChloramphenicolErythromycinTetracyclineVanciomycin | 29.3±1.224.3±1.231.3±1.225.3±1.230±032.7±1.220±0 | SSSSSSS |
| *Kytococcus sedentarius* /(KC583230.1) (c) |  |  |  |  |  |
| AmikacinCiprofloxacinDoripenemGentamicin Imipenem VancomycinRifampinErythromycinTetracyclineChloramphenicolPiperacillin-tazobactam | 29.3±1.79±024.3±1.531.7±2.129±1.732.3±3.839.7±5.59.3±0.627±320.7±1.210.3±1.5 | SRNDSNDNDSRSSND |  |  |  |

(a) Breakpoint of non-fermentative criteria was applied for this organism [Sader and Jones, 2005] . (b) Breakpoint criteria of *Pseudomonas* spp. (c) Interpretive criteria for Staphylococci was applied for this organism [Mnifet al., 2006; Saviniet al., 2010] . \* Symbols in categorization indicate sensitivity testing level as S, Susceptibility; R, resistance; I, moderate sensitivity; ND, not determined. British Society for Antimicrobial Chemotherapy (BSAC) was used as reference guidance.