

S2 Table

| Extracts of propolis | Type of propolis | <i>Aeromonas hydrophila</i><br>ATCC 49140 | <i>Shigella flexneri</i><br>ATCC 9198 | <i>Listeria monocytogenes</i><br>ATCC 19111 | <i>Staphylococcus aureus</i><br>ATCC 25922 | <i>Bacillus subtilis</i><br>ATCC 6632 | <i>Enterococcus faecalis</i><br>ATCC 29212 |
|----------------------|------------------|---|---------------------------------------|---|--|---------------------------------------|--|
| 2                    | O                | 6.1                                       | 12.1                                  | 0.8   | 12.1                                       | 3.0                                   | 12.1                                       |
| 3                    | O                | 13.7                                      | 13.7                                  | 1.7   | –  | 6.9                                   | 13.7                                       |
| 6                    | O                | –   | 6.6                                   | 13.3  | –  | 13.3                                  | 3.3  |
| 7                    | O                | –   | 14.9                                  | 14.9  | 14.9                                       | –                                     | 3.7  |
| 8                    | O                | –   | 15.1                                  | 15.1  | 12.0                                       | 15.1                                  | 3.8  |
| 9                    | O                | 14.3                                      | 14.3                                  | 14.3  | 14.3                                       | 14.3                                  | 3.6  |
| 10                   | O                | 14.5                                      | 3.6                                   | 14.5  | –  | 3.6                                   | 14.5                                       |
| 11                   | O                | –   | 7.1                                   | 14.1  | 8.5  | 14.1                                  | 3.5  |
| 12                   | O                | –   | –                                     | –   | –  | –                                     | 12.4                                       |
| 13                   | O                | 7.5                                       | 15.0                                  | 1.9   | 1.1  | 7.5                                   | 3.8  |
| 14                   | O                | 7.2                                       | 14.2                                  | 3.6   | –  | 14.2                                  | 3.6  |
| 16                   | O                | –   | –                                     | –   | –  | –                                     | 3.1  |
| 17                   | O                | –   | –                                     | –   | –  | –                                     | 1.4  |
| 19                   | O                | –   | 13.7                                  | –   | –  | –                                     | 13.7                                       |
| 20                   | O                | 6.4                                       | 12.8                                  | 3.2   | 3.2  | –                                     | 3.2  |
| 21                   | O                | 6.1                                       | 12.3                                  | 6.1   | 1.5  | –                                     | 3.1  |
| 22                   | O                | 8.5                                       | –                                     | 3.6   | 3.6  | –                                     | 14.7                                       |
| 24                   | O                | 3.1                                       | 15.4                                  | 1.9   | 1.0  | 7.7                                   | 3.9  |
| 25                   | O                | 1.5                                       | 14.2                                  | 3.5   | 1.8  | 3.5                                   | 7.1  |
| 26                   | O                | 4.0                                       | 4.0                                   | 1.0   | 2.0  | 4.0                                   | 4.0  |
| 27                   | O                | 17.4                                      | 17.4                                  | 4.4   | 2.2  | 17.4                                  | 17.4                                       |
| 28                   | O                | 15.8                                      | 15.8                                  | 15.8  | –  | –                                     | –  |
| 29                   | O                | –   | –                                     | 11.6  | –  | –                                     | –  |
| 30                   | O                | 16.1                                      | 16.1                                  | 16.1  | –  | 16.1                                  | 4.0  |
| 31                   | O                | 2.4                                       | 9.4                                   | 1.2   | 1.2  | 9.4                                   | 4.7  |
| 32                   | O                | 9.4                                       | 9.4                                   | –   | –  | –                                     | 2.4  |
| 33                   | O                | 1.8                                       | 14.0                                  | 1.8   | 1.8  | 3.5                                   | 6.9  |
| 34                   | O                | 1.9                                       | 14.0                                  | 0.5   | 0.9  | 3.5                                   | 3.5  |
| 36                   | O                | 7.1                                       | 14.3                                  | 0.9   | 0.9  | –                                     | 1.8  |
| 37                   | O                | 9.0                                       | 18.0                                  | 1.2   | 2.3  | 18.0                                  | 4.5  |
| 38                   | O                | 15.0                                      | –                                     | 1.0   | 1.8  | –                                     | 7.5  |
| 40                   | O                | 3.8                                       | 17.0                                  | 1.3   | 1.1  | 4.2                                   | 8.5  |
| 41                   | O                | 1.2                                       | 12.1                                  | 3.0   | 1.5  | 1.5                                   | 12.1                                       |
| 42                   | O                | 1.9                                       | 15.5                                  | 1.9   | 1.0  | 3.9                                   | 7.8  |
| 43                   | O                | 3.6                                       | 10.2                                  | 1.3   | 0.6  | 5.1                                   | 2.6  |
| 44                   | O                | 1.7                                       | 17.7                                  | 2.2   | 1.1  | 8.9                                   | 8.9  |
| 45                   | O                | 1.3                                       | 13.8                                  | 3.5   | 1.7  | 1.7                                   | 3.5  |
| 46                   | O                | 1.5                                       | 16.9                                  | 4.2   | 1.1  | 2.1                                   | 8.4  |
| 47                   | O                | 6.6                                       | 16.5                                  | 0.8   | 1.0  | 4.1                                   | 4.1  |
| 49                   | O                | 4.2                                       | –                                     | 0.5   | 4.2  | 8.5                                   | 8.5  |
| 50                   | O                | 7.7                                       | –                                     | 0.8   | 1.9  | 3.8                                   | 7.7  |
| 51                   | O                | –   | –                                     | 16.8  | 5.9  | 16.8                                  | –  |
| 1                    | B                | 7.7                                       | 6.1                                   | 3.9   | 7.7  | 7.7                                   | 7.7  |
| 4                    | B                | 14.2                                      | 14.2                                  | 14.2  | –  | 12.8                                  | 14.2                                       |
| 5                    | B                | –   | –                                     | 14.5  | –  | 13.0                                  | 7.2  |
| 15                   | B                | –   | –                                     | 12.9  | –  | –                                     | –  |
| 18                   | B                | 6.3                                       | 12.6                                  | 6.3   | 3.2  | –                                     | 6.3  |
| 23                   | B                | 13.5                                      | –                                     | 3.4   | 6.8  | –                                     | 6.8  |
| 35                   | B                | 8.2                                       | 16.4                                  | 16.4  | 8.2  | 16.4                                  | 16.4                                       |
| 39                   | B                | 10.0                                      | –                                     | 4.8   | 2.6  | 20.0                                  | 10.0                                       |
| 48                   | B                | 5.3                                       | –                                     | –   | 10.6                                       | –                                     | –  |
| 52                   | B                | 14.3                                      | –                                     | 7.2   | 1.8  | 14.3                                  | 7.2  |
| 53                   | B                | 8.5                                       | –                                     | 7.1   | 3.5  | 14.2                                  | 14.2                                       |
| Amp. <sup>a</sup>    | -                | –   | 1.8                                   | –   | 0.6  | 1.4                                   | 0.6  |
| Strept. <sup>b</sup> | -                | 0.3                                       | 0.4                                   | –   | –  | –                                     | 0.4  |
| Rif. <sup>c</sup>    | -                | –   | 0.4                                   | –   | 0.4  | 0.2                                   | –  |

<sup>a</sup> Amp. - Ampicillin; <sup>b</sup> Strept. - Streptomycin; <sup>c</sup> Rif. - Rifampicin.

O - Orange type; B - Blue type of propolis, – not detected.