**Supplementary Material**

***sarA* dependent antibiofilm activity of thymol enhances the antibacterial efficacy of rifampicin against *Staphylococcus aureus***

Alaguvel Valliammai1, Anthonymuthu Selvaraj1, Udayakumar Yuvashree1, Chairmandurai Aravindraja1,2 and Shunmugiah Karutha Pandian1\*

**Figure S1.** Effect of increasing concentrations of thymol on biofilm formation of clinical isolates of *S. aureus*. Error bars indicate standard deviations. Asterisks represent statistical significance (*p* < 0.05).



**Figure S2.** Effect of thymol on growth and metabolism of MRSA at BIC (100 µg/mL). (a) CFU analysis of control and thymol treated MRSA exhibiting non-antibacterial nature of thymol. (b) Alamar blue assay depicting the metabolic viability of control and thymol treated MRSA. Error bars indicate standard deviations.



**Figure S3.** Determination of MIC of thymol against MRSA. Error bars indicate standard deviations. Asterisks represent statistical significance (*p* < 0.05).



**Figure S4.** Determination of MIC of rifampicin against MRSA. Error bars indicate standard deviations. Asterisks represent statistical significance (*p* < 0.05).

