

- Figure 1. 7: Bacterial cell wall biosynthesis pathway (Page : 16)

The overview of *S.aureus* cell wall biosynthesis illustrates the enzyme which catalyzes each pathway. This figure was copied and modified from Jarick, M., *Scientific Reports.*, 2018

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- Figure 2. 3: HTA structure and topology (Page : 21)

(B) The topology diagram shows the lid and the catalytic domains of the monomer. The topology diagram was copied from Chaton, C. T., *Scientific Reports.*, 2019


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
- Figure 4. 1: The reaction mechanism of Ddl (Page: 86)


(A) General reaction mechanism of Ddl showing the ligase reaction. (B) The two-step reaction mechanism. The first step of the formation of acylphosphate intermediate and ADP. The second step is to connect the second D-ala.

This figure was copied from Pederick, J. L., *Journal of Biological Chemistry.*, 2020<sup>7</sup>

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