

A starter culture was inoculated from a single colony in 5 mL LB liquid medium supplemented with ampicillin ( $100 \text{ ug mL}^{-1}$ ) and was incubated at  $37^\circ\text{C}$  and 180 rpm for 6 h. The whole starter culture was transferred to 30 mL LB containing  $100 \text{ ug mL}^{-1}$  ampicillin and cultivated at  $37^\circ\text{C}$  and 180 rpm for 16 h on an orbital shaker (Multitron, Infors, Switzerland). This cultivation protocol yields about  $8 \text{ g L}^{-1}$  cells (cell wet weight).<sup>2.3.4.5.</sup>