

Fig. S1. Promoter analysis for *aldA* and *mnoA* in  $\Delta ligD$  and  $\Delta aldR1$ . aldA-up200 and mnoA-up280 represent pKLA1 having 200- and 280-bp fragments upstream of aldA and mnoA, respectively.  $\Delta ligD$  and  $\Delta aldR1$  were transformed by the two reporter plasmids. Each transformants was cultivated in BM containing 1% glucose and 20 µg/mL kanamycin at 30° C for 16 h. Luciferase assay was performed by the method described in the legend of Fig. 1 in the text. n.d.: not detected.