

## **Supplementary Materials**

### **Efficient Azo Dye Biodecolorization System Using Lignin Co-Cultured White-Rot Fungus**

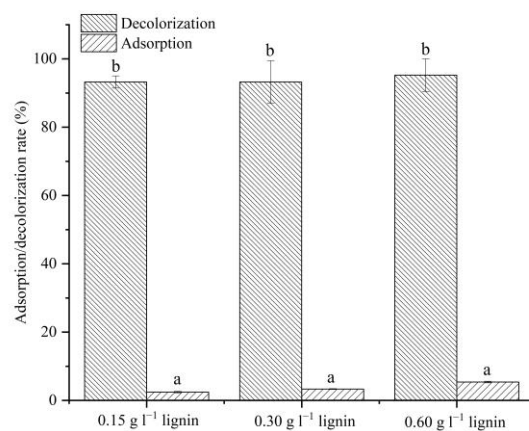
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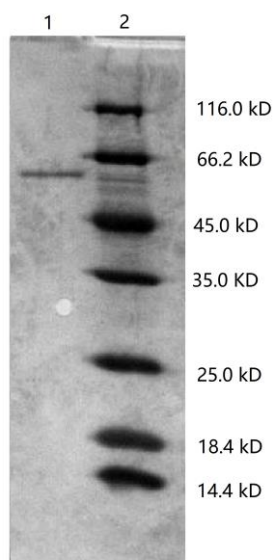
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## Supplementary Figure S1



**Figure S1.** The comparison of DR5B adsorption and the DR5B decolorization of *G. lucidum* EN2 in the presence of different contents of alkali lignin (0.15, 0.30, and 0.60 g l<sup>-1</sup>) at 60 h. The vertical line on each bar indicates the standard deviation for three replicates (SD, n = 3). Different letters represent significant differences between treatment groups at each time point, as determined by two-way ANOVA followed by LSD or Tukey multiple comparison test ( $p < 0.05$ )

## Supplementary Figure S2



**Figure S2.** SDS-PAGE analyses of purified laccase of *G. lucidum* EN2. Lane 1: purified laccase; Lane 2: protein molecular mass marker.