Electronic Supplementary Material (ESI) for RSC Advances

Supplemental figure:

In-house Cellulase Production from AFEX™ Pretreated Corn Stover using *Trichoderma reesei* RUT C-30

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Fig. S1 Enzymatic hydrolysis yields of AFEX-CS using in-house produced *T. reesei* enzymes. Here, (A): glucose yield, and (B): xylose yield after 72 h enzymatic hydrolysis. *T. reesei* enzymes were produced by fermentation in a 1 L flask with working volume of 200 ml. Fermentation medium contained 20 g/L AFEX-CS and 4 g/L $CaCO_3$ with and without addition of 0.5% (v/v) CSL. Enzymatic hydrolysis performance was investigated by varying the ratio of fermentation broth over total enzymatic hydrolysis reaction volume and by supplementation of Novozyme 188 and Ctec 2. Glucan loading used for enzymatic hydrolysis was 1% (w/w) glucan loading.