Supplementary Information

Chemoenzymatic Synthesis and pH-Responsive Properties of Amphoteric Block Polysaccharides

Takuya Nakauchida, Yusei Takata, Kazuya Yamamoto and Jun-ichi Kadokawa*

Department of Chemistry, Biotechnology, and Chemical Engineering, Graduate School of Science and Engineering, Kagoshima University, 1-21-40 Korimoto, Kagoshima 890-0065, Japan
Fig. S1. $^1$H NMR spectra of amphoteric block polysaccharides ((a) run 1, (b) run 2, (c) run 3) in NaOD/D$_2$O.
Fig. S2. GPC Profiles of (a) maltooligosaccharide-functionalized amylouronic acid and (b) amphoteric block polysaccharide (run 4).

Fig. S3. XRD Profiles of (a) amylose and (b) amphoteric block polysaccharide (run 4).