1 **Supporting Information for:** 2 Polysaccharides modification through green technology: Role of endodextranase towards improving physicochemical properties of $(1\rightarrow 3)(1\rightarrow 6)-\alpha$ -D-glucan 3 4 Chao Huang^a, Ming Miao^{a,*}, Srinivas Janaswamy^{a,b}, Bruce R. Hamaker^{a,b}, Xingfeng 5 Li^c, Bo Jiang^{a,*} 6 ^a State Key Laboratory of Food Science & Technology, Synergetic Innovation Center 7 of Food Safety and Nutrition, Jiangnan University, 1800 Lihu Avenue, Wuxi, Jiangsu 8 214122, P. R. China 9 ^b Whistler Center for Carbohydrate Research, Department of Food Science, Purdue 10 11 University, 745 Agriculture Mall Drive, West Lafayette, IN 47907-2009, USA ^c College of Bioscience and Bioengineering, Hebei University of Science and 12 Technology, No. 70 Yuhuadonglu, Shijiazhuang, Hebei 050018, P.R. China 13 14 * Corresponding author. Address: State Key Laboratory of Food Science & 15 Technology, 1800 Lihu Avenue, Wuxi, Jiangsu 214122, P. R. China. Tel: +86 (0)510 16

17

18

853 27859; Fax: +86 (0)510 859 19161.

E-mail address: miaoming@jiangnan.edu.cn (M. Miao)

Figure S1 Comparison of aqueous solutions of native and enzyme treated glucans

