

Supplementary Information

Unveiling High-Resolution, Tissue Specific Dynamic Changes in Corn Stover during Ionic Liquid Pretreatment

Lan Sun^{1,2#}, Chenlin Li^{1,2#}, Zhengjun Xue³, Blake A. Simmons^{1,2} and Seema Singh^{1,2*}

¹Joint BioEnergy Institute, Physical Biosciences Division, Lawrence Berkeley National Laboratory, 5885 Hollis Street, Emeryville, CA 94608

²Biomass Science and Conversion Technology Department, Sandia National Laboratories, P.O. Box 969, Livermore, CA 94551

³Department of Biological and Agricultural Engineering, University of California, Davis, One Shields Avenue, Davis, CA 95616

#Equal contributors

*Corresponding author: Seema Singh, telephone number: (925) 337 1453; fax number: (925) 294 3020; email address: seesing@sandia.gov

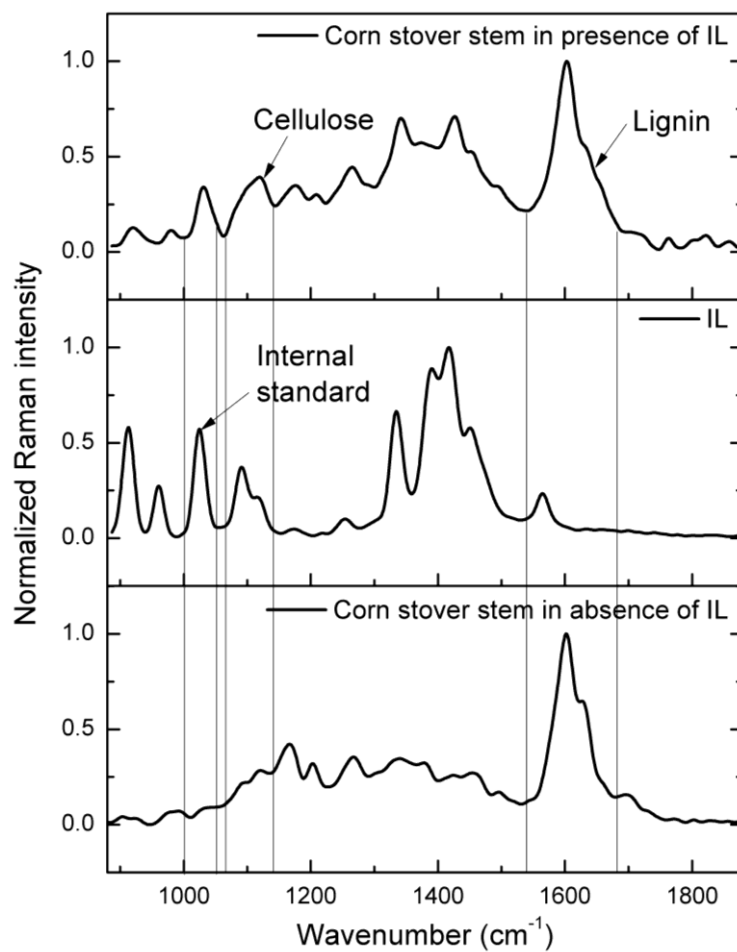


Fig. S1 Raman spectra of ionic liquid ([C2mim][OAc]) and corn stover stem in presence and in absence of ionic liquid.