Supplementary information

Characterizing the physical properties and cell compatibility of phytoglycogen extracted from different sweet corn varieties

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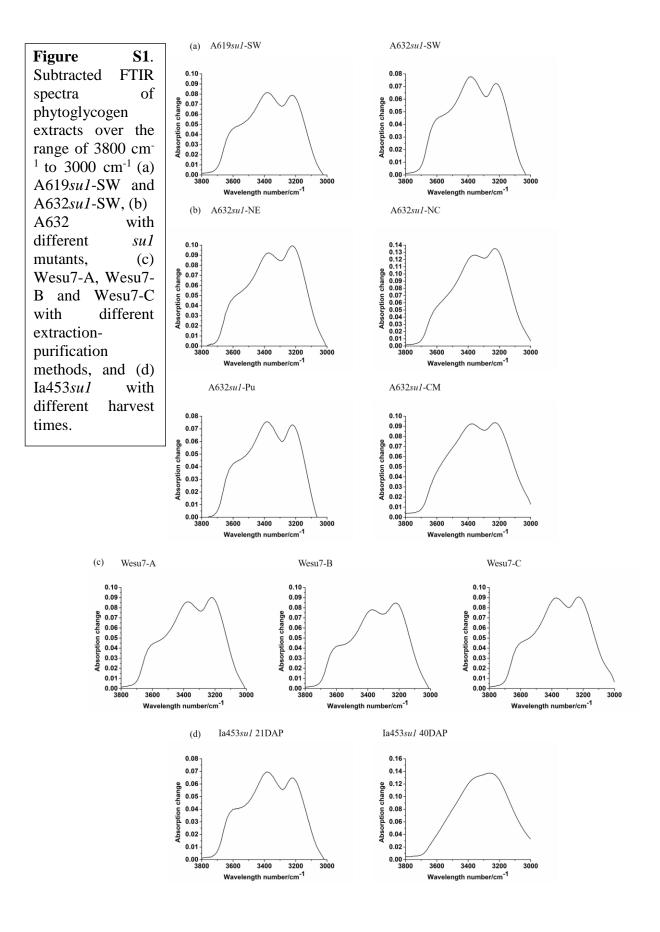
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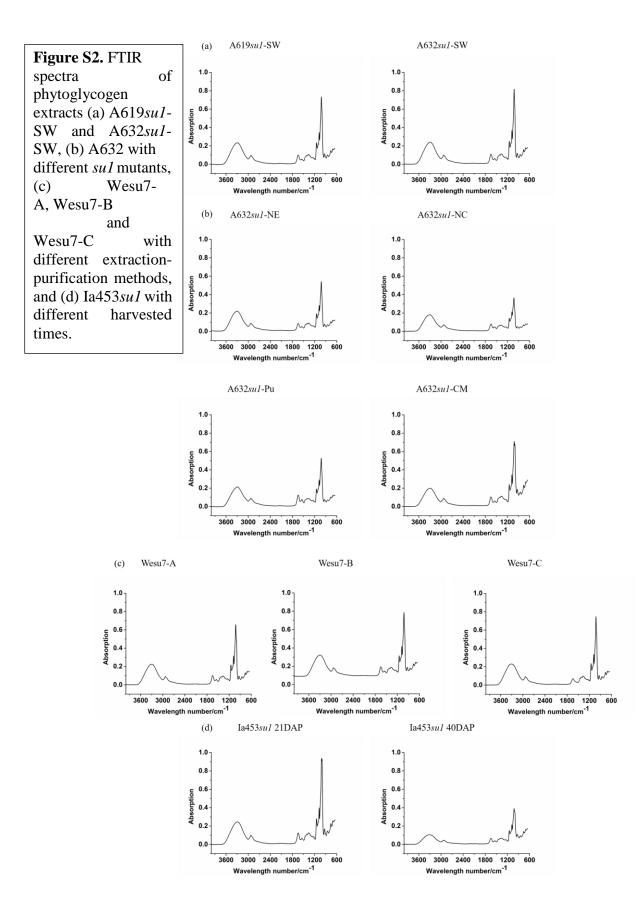
Gregory A. Hudalla, PhD Biomedical Sciences J293, PO BOX 116131 1275 Center Drive Gainesville, FL 32611 ghudalla@bme.ufl.edu (352) 273-9326

Marcio F. R. Resende Jr. Fifield Hall 2135, PO BOX 110690 2550 Hull Road Gainesville, FL 32611 mresende@ufl.edu (352) 273-4772 **Table S1.** Summary of average hydrodynamic diameter of Wesu7 extracts (*su1*-NE) with different processing steps.

	Diameter	PDI	Extraction method
Wesu7-B (su1-NE)	62.8 ±0.986	0.249	Ethanol precipitation + deproteination
Wesu7-C (su1-NE)	61.8	0.217	Ethanol precipitation + protease treatment

Data collected in 1X PBS; all data reported are based on intensity-weighted mean hydrodynamic diameter.





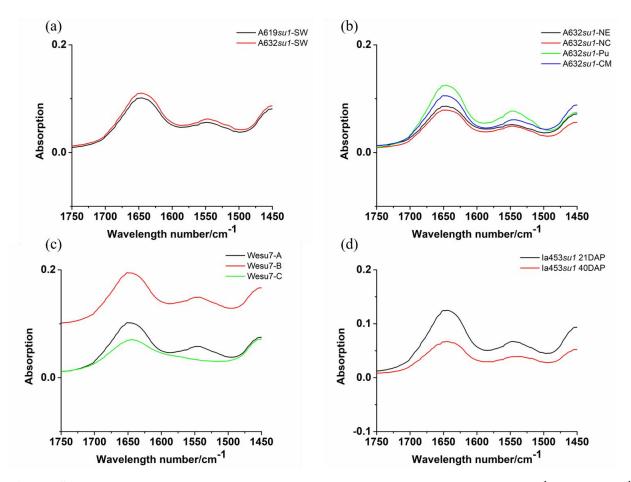


Figure S3. FTIR spectra of dry phytoglycogen extracts over the range of 1750 cm⁻¹ to 1450 cm⁻¹ (amide I) (a) A619*su1*-SW and A632*su1*-SW, (b) A632 with different *su1* mutants, (c) Wesu7-A, Wesu7-B and Wesu7-C with different extraction-purification methods, and (d) Ia453*su1* with different harvested times.