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Table S1. Carbohydrate and lignin composition of pretreated substrates obtained after Klason analysis.

Substrates	Pretreatment	Major composition of substrates					Abbreviation
		Glu ^a	XyI ^b	Man ^c	AILd	ASLe	_
Corn stover	Steam pretreatment	50.8	15.4	0.7	23.3	3.4	SPCS
	Organosolv pretreatment	60.4	12.2	1.0	26.3	1.6	OPCS
Poplar	Steam pretreatment	58.2	7.7	2.0	28.5	2.8	SPP
	Organosolv pretreatment	78.2	4.5	2.2	18.3	1.0	OPP
Lodgepole pine	Steam pretreatment	53.4	0.2	0.4	42.8	0.6	SPLP
	Organosolv pretreatment	77.8	1.5	2.0	25.4	0.3	OPLP
Dissolving pulp		94.2	3.1	1.2	0.2	NA ^f	DSP

^aGlucan; ^bXylan; ^cMannan; ^dAcid-insoluble lignin; ^eAcid-soluble lignin; ^fNot available