

Table S1. Lignocellulosic composition of biomasses

Biomass	Cellulose (%)	Hemicellulose (%)	Lignin (%)
Sugarcane bagasse "in natura" [37]	42.0	25.0	20.0
SEB [7]	47.5	9.0	34.3
Rice straw [38]	32.1	24.0	18.0
Corn cob [38]	45.0	35.0	15.0
Barley bagasse [39]	12.3	23.4	26.1
Bean straw [40]	43.7	28.0	8.4