

**Supplementary Table 6. Carbon balance according to Jarman and Pace, 1984**

	Amount [g <sup>-1</sup> h <sup>-1</sup> ]	mg C [g <sup>-1</sup> h <sup>-1</sup> ]
<b>Xcc B100 wild-type</b>		
<b>Utilized</b>		
Glucose	2.4 mmol	172
<b>Recovered</b>		
Biomass	0.053 g	25
Exopolysaccharide	0.111 g	48
CO <sub>2</sub>	7.2 mmol	86
<b>Σ recovered</b>		159
<b>B100ΔGUMD</b>		
<b>Utilized</b>		
Glucose	2 mmol	144
<b>Recovered</b>		
Biomass	0.064 g	30
Exopolysaccharide	0.003 g	1
CO <sub>2</sub>	9.6 mmol	114
<b>Σ recovered</b>		145