

Table S1. Residual sugars at 45 and 60 g/L of produced CO₂.

		Glucose (g/L)	Fructose (g/L)	Total sugar residue (g/L)
45 g/L	EC1118	31.03±2.22	47.10±2.36	78.13±4.58 ^A
	P301.9	26.76±2.08	53.20±2.05	79.96±4.14 ^A
	R31.3	26.63±3.32	53.90±3.51	80.53±6.83 ^A
	R008	27.21±0.64	52.95±1.79	80.16±2.40 ^A
60 g/L	EC1118	11.77±1.37	23.71±1.90	35.48±3.26 ^A
	P301.9	9.58±1.86	31.25±2.47	40.83±4.31 ^A
	R31.3	8.36±2.03	31.56±3.46	39.92±5.49 ^A
	R008	11.83±2.34	35.13±3.66	49.96±5.95 ^A

Letters indicate significant differences in the gene expression values obtained from ANOVA analysis of variance followed by Tuckey *post-hoc* test between the strains, at 45 or 60 g/L of CO₂.