

Additional file 1 - Concentration of cellular biomass cultivated under 120 $\mu\text{mol photons m}^{-2} \text{s}^{-1}$ light intensity and 1% CO_2 conditions.

Time (day)	Biomass (g-DCW L ⁻¹)		
	GT	Flv3ox	VC
3	0.95 ± 0.07 ^{ab}	1.07 ± 0.14 ^a	0.82 ± 0.032 ^b
4	1.59 ± 0.21 ^a	2.01 ± 0.22 ^b	1.42 ± 0.06 ^a
5	2.09 ± 0.12 ^a	2.46 ± 0.07 ^b	2.17 ± 0.07 ^a
6	2.30 ± 0.09 ^a	3.11 ± 0.26 ^b	2.50 ± 0.05 ^a
7	2.48 ± 0.20 ^a	3.20 ± 0.18 ^b	2.74 ± 0.20 ^a

Difference in biomass concentration was statistically analysed by one-way ANOVA. A *post hoc* Tukey's Honestly Significant Difference test was carried out on the grouped means. Values are the averages from measurements of ten different cell cultures, ±SD.

Values followed by the same letter are not significantly different ($P > 0.01$).