Table 5 Carbonic anhydrases measured with the Mass Western. Subcellular localization and concentrations in mixotrophic (M) and autotrophic (A) growth conditions. For the two growth conditions, the peptide concentration is given in attomole per 1000 cells. Relative distributions of the proteins on the three subcellular fractions mitochondrial membrane, chloroplast membrane and soluble fraction are given as percentage and calculated as average levels of both growth conditions. In case the distribution of a peptide within a subcellular compartment was different between the two growth conditions, separate contributions (M) *versus* (A) are indicated and quantified in percentage. Relative standard deviations are calculated from $n = 4$ biological replicates per growth condition

Protein JGI Chlre3 #	Mitochondria membrane (%)	Chloroplast membrane (%)	Stroma, Cytosol soluble (%)	M amol per 10^3 cells	A amol per 10^3 cells	M SE (%)	A SE (%)	Identifier
24120	0	0	100	15	18	±36	±34	CAH1
128726	nd	nd/10 (A)	nd/90 (A)	nd	44	nd	±26	CAH2
206201	1	94	5	31	21	±39	±13	CAH3
24552	4	0	97	15924	4048	±13	±5	CAH4
196834	nd/nd	nd/nd	nd/100 (A)	nd	122	nd	±19	CAH9