Table 3 Peptides of the Calvin cycle 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 peptides on the three subcellular fractions mitochondrial membrane, chloroplast membran and soluble fraction are given as percentage and calculated as average levels of both growth conditions. In case the distrubution 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
Calvin Cycle								
rbcL_1	1	5	94	42203	31420	±12	±7	Rubisco LS
rbcL_2	1	4	95	43874	32522	±14	±6	Rubisco LS
108283	1	17	82	998	2848	±11	±13	Rubisco SS
128745	2	69	29	86	66	±31	±14	RCA1
132210_1	6	5	89	259	413	±27	±12	PGK1
132210_2	7	12	81	249	365	±29	±15	PGK1
129019_2	3	9	88	1760	1498	±14	±8	GAPDH3
129019_3	2	3	95	1835	1687	±13	±11	GAPDH3
26265	2	6	91	162	8	±23	±12	TPI
24459	1	nd	99	4168	360	±13	±17	FBA3
24084	1	3	96	234	239	±27	±11	FBPase1
141319	3	nd	97	1431	88	±17	±5	TRK
189186	9	10	81	93	72	±23	±19	SBPase1
135614	4	8	88	200	38	±35	±12	RPE1
55838	2	3	95	347	215	±33	±4	PRI
195910	2	2	96	1675	54	±19	±17	PRK