

Table S2: Results of the t-tests used for the comparisons of the different cell compartments $\delta^{13}\text{C}$ between Experiment 1 and Experiment 2 determined for each time point.

Time points	Cell compartment	F test		T-test
		p-value	var.equal	p-value
1 h	dinoflagellates	0.005136	False	2.417e-07
	cytoplasm	2.877e-05	False	0.1271
	electron-opaque bodies	0.7653	True	0.4926
	lipid droplets	2.2e-16	False	0.0001699
6 h	dinoflagellates	0.9889	True	0.1623
	cytoplasm	0.4712	True	0.7762
	electron-opaque bodies	3.191e-06	False	0.8119
	lipid droplets	NA	NA	NA
12 h	dinoflagellates	NA	NA	NA
	cytoplasm	NA	NA	NA
	electron-opaque bodies	NA	NA	NA
	lipid droplets	NA	NA	NA
18 h	dinoflagellates	0.2899	True	0.05687
	cytoplasm	3.254e-06	False	0.8894
	electron-opaque bodies	0.0005748	False	0.06133
	lipid droplets	NA	NA	NA

