

Table S1 Characteristic peak positions in infrared spectrum before and after mixing of Chl and Car.

	Chl/Car	Chl	Car
		669.7	
	687.23		
	880.35	880.57	880.67
	1049.49	1049.08	1052.51
		1084.54	
	1251.38	1251.71	1251.34
		1382.1	
	1393.88		1393.92
	1406.38		1406.29
Wave number (cm ⁻¹)	1452.42	1452.08	1452.06
	1650.3	1655.95	
	2901.22	2900.63	2901.26
	2975.19	2975.41	2973.51
			3307.62
	3356.52		
		3378.27	
	3661.37		
			3672.64