

Supplementary Table S1 Correlation analysis of solvent polarity, the amount of charge transfer between Chl dimer fragments 1 and 3, and the total amount of charge transfer.

		Solvent polarity	Charge transfer between fragments 1 and 3	Total charge transfer
Solvent polarity	Pearson correlation	1	-0.910**	-0.910**
	Significance (two-sided)		0.000	0.000
	N	10	10	10
Charge transfer between fragments 1 and 3	Pearson correlation	-0.910**	1	1.000**
	Significance (two-sided)	0.000		0.000
	N	10	10	10
Total charge transfer	Pearson correlation	-0.910**	1.000**	1
	Significance (two-sided)	0.000	0.000	
	N	10	10	10

Note: **: Significantly correlated at 0.01 level (two-sided)