

Table 5.2 Förster R_0 values for photosynthetic pigments

Energy donor	Energy acceptor	R_0 (Å)
Chl <i>b</i>	Chl <i>a</i>	100
Chl <i>a</i>	Chl <i>a</i>	80–90
β -carotene	Chl <i>a</i>	50
B800 in LH2	B850 in LH2	66
Phycocerythrin	Phycocyanin	60
Phycocyanin	Allophycocyanin	64

All values taken from van Grondelle (1985).