

Supporting information.

Table S-1. Dependence of D-A distances (Å) on the DP's of heterotactic polystyrene macrocycles containing a 9,10-anthracenylidene unit separated from the two DMF units by arms of equal lengths.

DP	Distance	DP	Distance
0	8.13	16	22.31
2	8.83	18	23.35
4	10.94	20	26.04
6	12.69	22	28.03
8	14.31	24	31.45
10	16.49	26	32.21
12	17.91	28	35.38
14	21.10	30	37.23

Table S-2. D-A distance (Å) from two different donors to the acceptor in asymmetric 12-, 14-, 16- and 18-mers as a function of the shorter arm lengths.

[illegible]

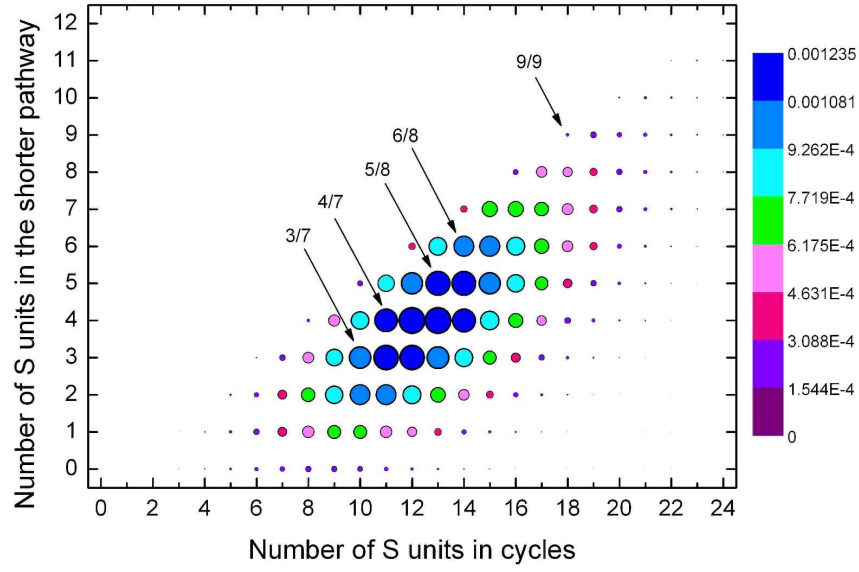


Figure S1. Bubble plot of $ETR_{i/(j-i)}$ as function of number of S units in the $DP_n = 18$ cycle population and number of S units in the shorter arms.

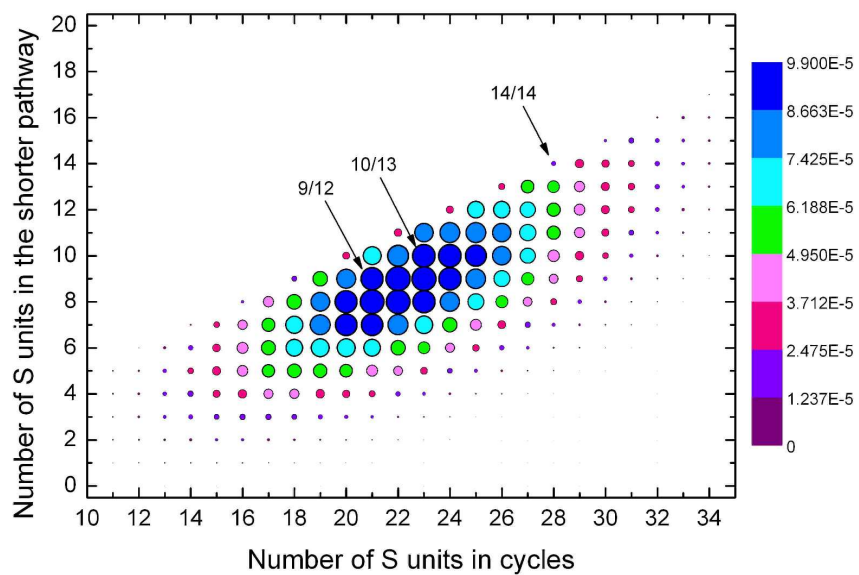


Figure S2. Bubble plot of $ETR_{i/(j-i)}$ with a DP_n of 28. Data are used from the linear fit equations in Figures 8a and 8b.

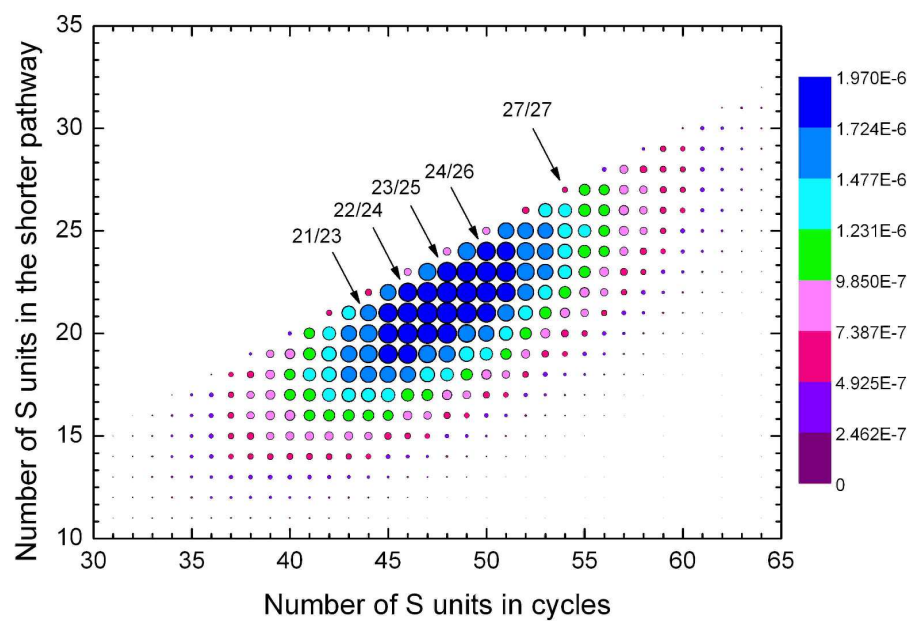


Figure S3. Bubble plot of $ETR_{i/(j-i)}$ with a DP_n of 54. Data are used from the linear fit equations in Figures 8a and 8b.

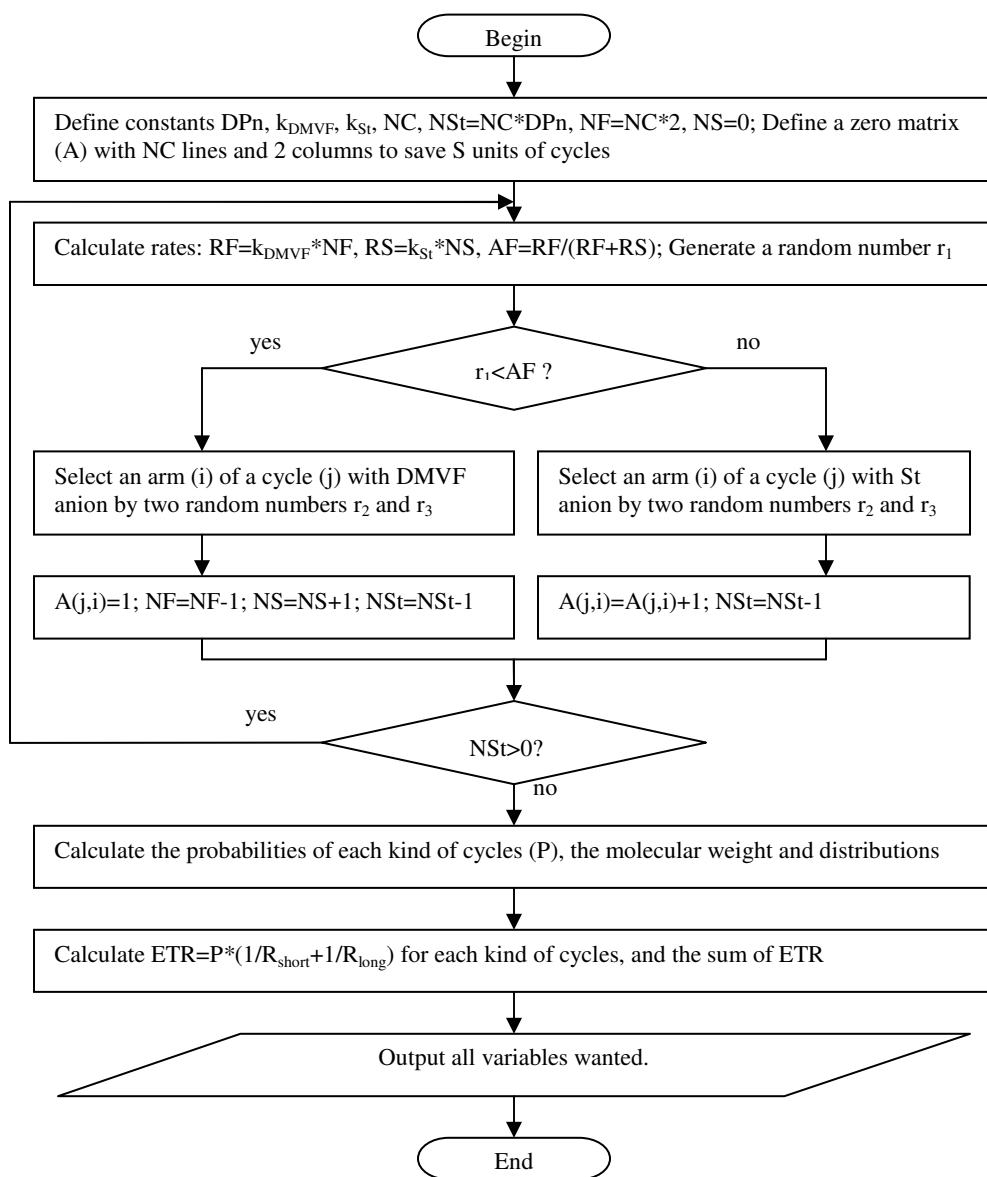


Figure S-4. Flow chart of Monte Carlo simulation