

**Table 4. Bias annealing for the unstacking step**

$k_{a_1}$	$k_{a_2}$	$k_s$	$L$	$n$	$a$
1000.0	1000.0	100.0	15	10	0.60
400.0	400.0	50.0	20	20	0.60
200.0	200.0	20.0	25	20	0.40
100.0	100.0	15.0	30	20	0.40
50.0	50.0	10.0	40	20	0.30
0.0	0.0	0.0	60	30	0.10

Trajectories of  $L$  ps were generated with biasing force constants  $k_{a_1}$ ,  $k_{a_2}$  in kcal mol<sup>-1</sup> rad<sup>-2</sup>, and  $k_s$  in kcal mol<sup>-1</sup> Å<sup>-2</sup>.  $n$  is the total number of paths shot and  $a$  is the acceptance rate.