



Figure S2: Determining the Number of bc_1 Complexes: Average Master Score

Average master score of the best 100 (out of a total of 840) parameter sets vs. the number of bc_1 complexes N_{bc1} for the single flash experiment used to determine N_{bc1} . This value of N_{bc1} was later employed for the optimization of the rate constants. The black points show the result from the first set of optimizations that considered $\Delta\Phi::\epsilon_M$, $\Delta\Phi::\Delta\Phi_0$, and $bc_1::\Phi_0$. In the second set (red points), PR::pK was included, too.