Supplementary Information

Figure S1. RMSD values of all backbone atoms and all atoms of the whole protein are shown for the C-Mad2→O-Mad2 transition.

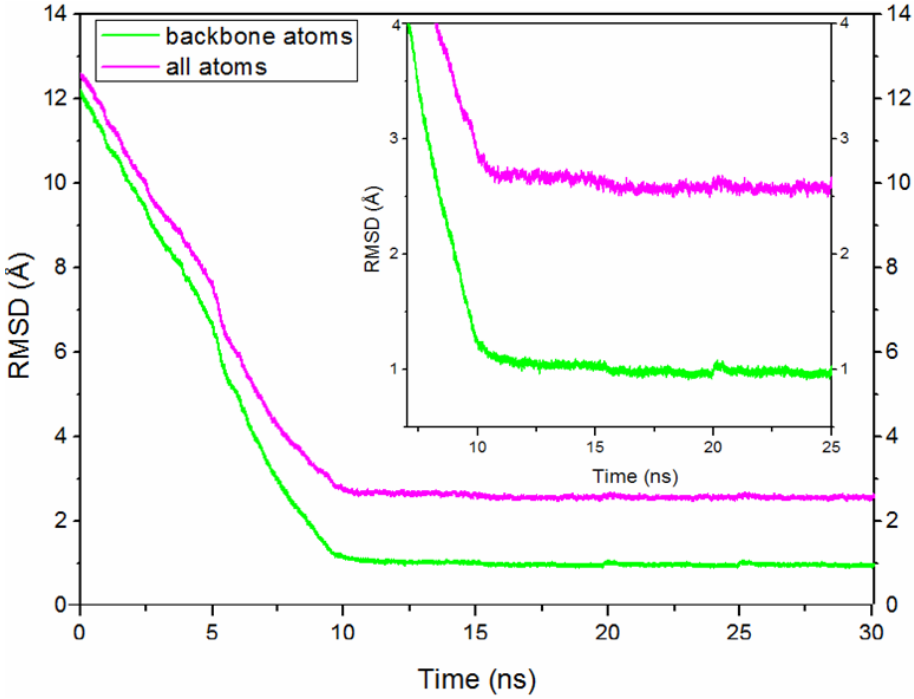

Figure S2. The three-dimensional structures of the conformational transition pathway determined by TMD from C-Mad2 to O-Mad2.

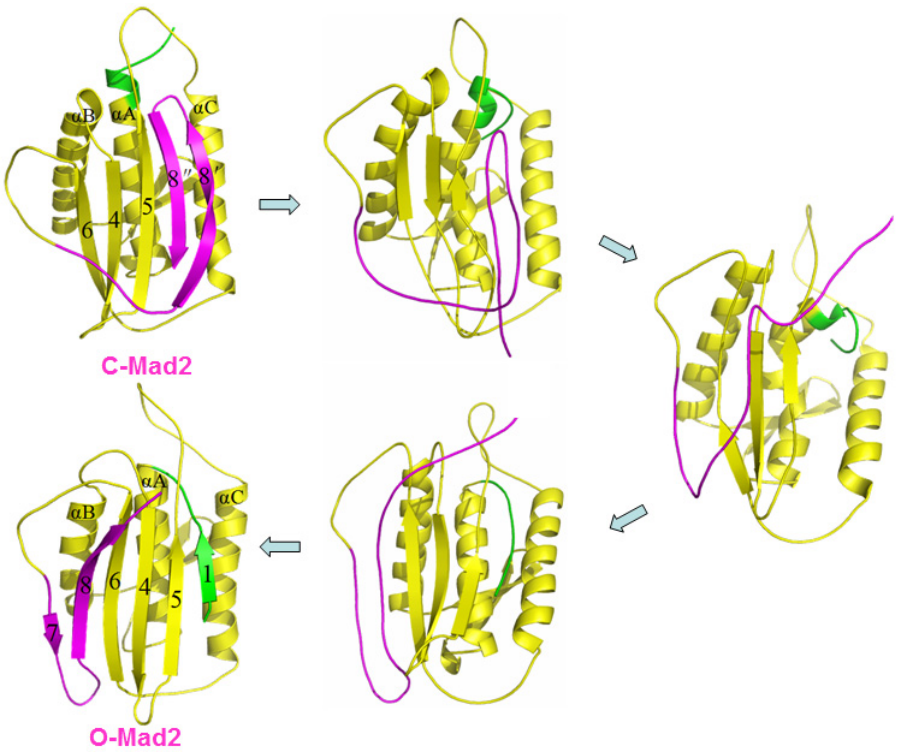

Figure S3. RMSD value of backbone atoms for the conversion of O-Mad2 to C-Mad2 using varying force constants *k*, in kcal/(mol·Å^2), shown in the inset.