Table S2. Overlap of residue displacements of reconstructed trajectories determined from low frequency TMD simulations.

Overlap of the first eigenvectors	Residues 2 to 278	R and WPD loops excluded
$P_{\text{TMD1}}^{(a)}$ and P_{TMD2}	0.98	0.91
P_{TMD1} and P_{TMD3}	0.98	0.92
P_{TMD2} and P_{TMD3}	0.98	0.92

[a] List of TMD simulations is given in Table S4. P_{TMD1}, for instance, denotes the first eigenvector determined from the reconstructed trajectories in TMD_1.