

Supplementary Table 2 Root mean square deviation values from molecular dynamics simulations

System	Root Mean Square Deviation (RMSD, Å)						
	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5	Mean	Standard Deviation
Wild type (WT)	7.91	7.24	8.04	5.39	7.92	7.30	1.11
G26R	6.75	10.33	7.54	7.65	6.10	7.67	1.61
L60R	6.61	6.11	10.28	8.30	7.87	7.83	1.63
Δ 107	7.28	6.84	7.77	6.03	8.79	7.34	1.03
R173P	8.97	8.24	7.14	6.91	8.16	7.88	0.85