

Supplementary Figure Legends

Figure 1S. RMSD plots for tubulin $\alpha:\beta$ heterodimers, contrasting wild-type (blue) to 8 α -mutated (orange) structures. Note changes in scale (y axis).

Figure 2S. RMSF plots for tubulin $\alpha:\beta$ heterodimers, contrasting wild-type (blue) to 8 α -mutated (orange) structures. Regions showing the greatest mutant-WT differences are highlighted with red rectangles