

Supporting Information:

**Rotational dynamics of proteins from spin
relaxation times and molecular dynamics
simulations**

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S1 Supplementary Figures

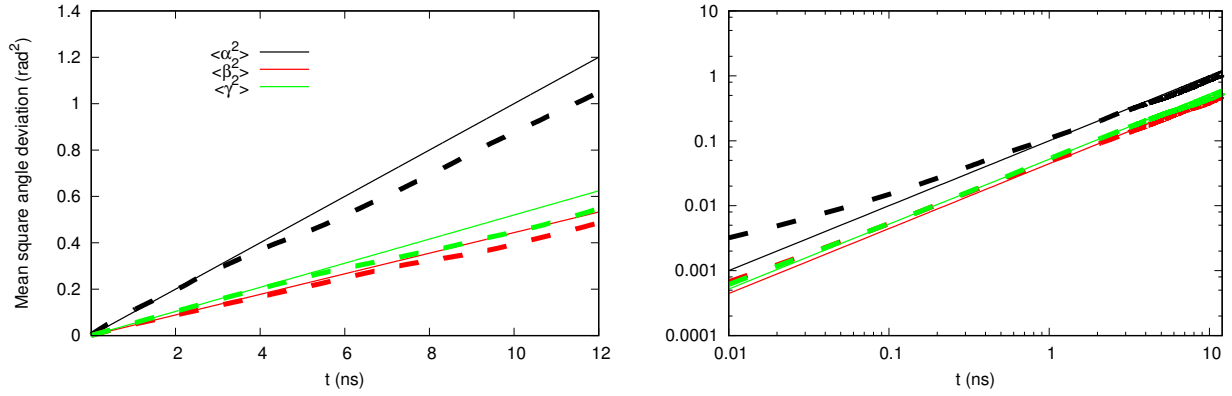


Figure S1: Mean square angle deviations of inertia tensor axes calculated from *PaTonB* simulation with tip4p water model at 310K. The data shown with linear (left) and logarithmic scale (right).

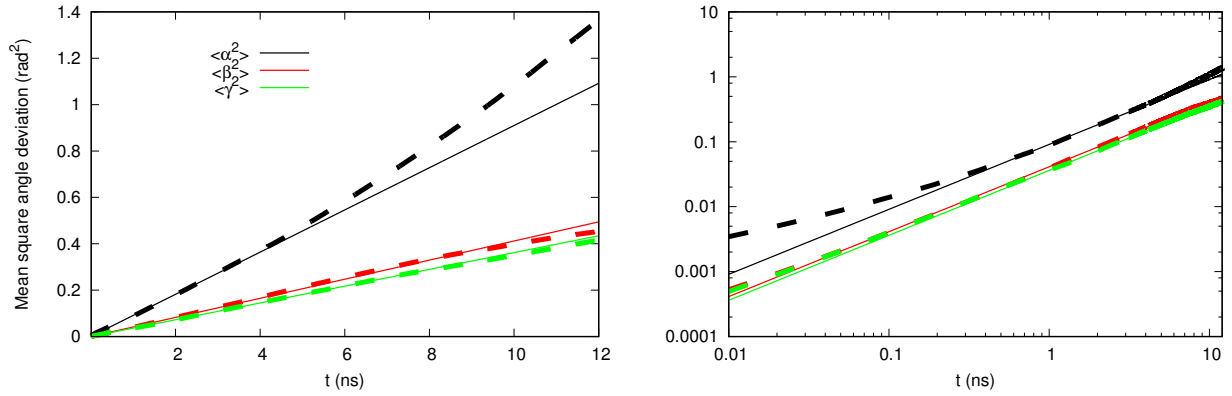


Figure S2: Mean square angle deviations of inertia tensor axes calculated from *PaTonB* simulation with tip4p water model at 298K. The data shown with linear (left) and logarithmic scale (right).