

**Supplementary material for:** Poyraz, Y., Ozcicek, E., Kavalci, Z., & Essiz, S. (2026). Dynamics of the C-terminal loop of the human STING structure in active and inactive conformations. The European chemistry and biotechnology journal, 2026(5), Article e2026-001. <https://doi.org/10.62063/ecb-56>  
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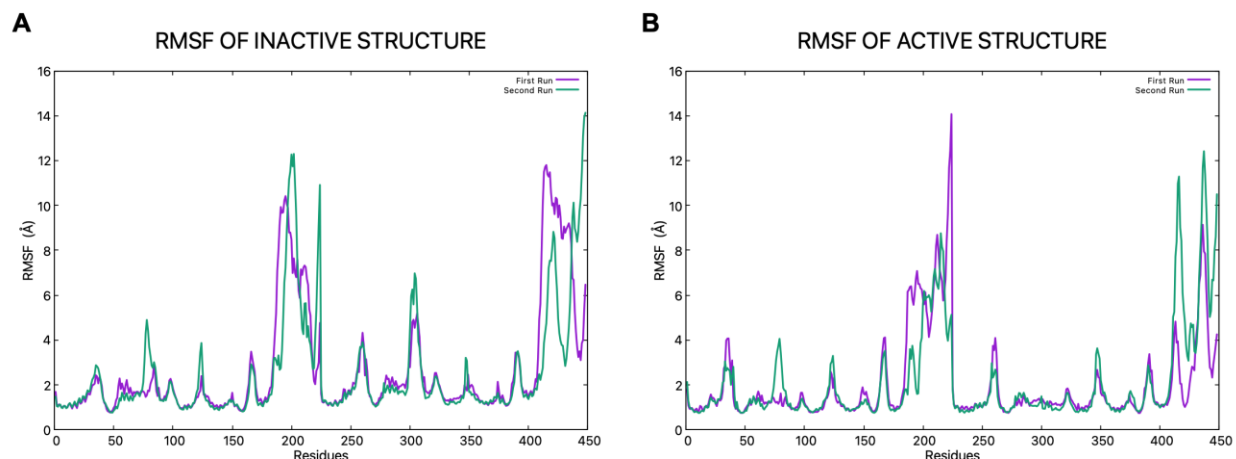


Figure S1: RMSF inactive (A) and active (B) structures comparing the first (purple) and second (green) runs.

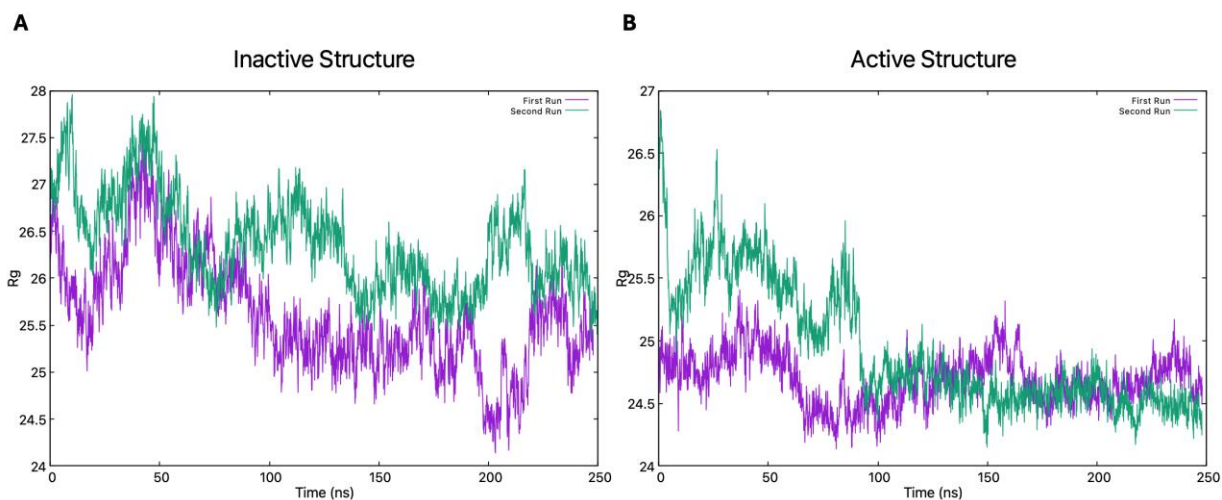


Figure S2: Radius of gyration (Rg) graphs of inactive (A) and active (B) structures comparing the first (purple) and second (green) runs.

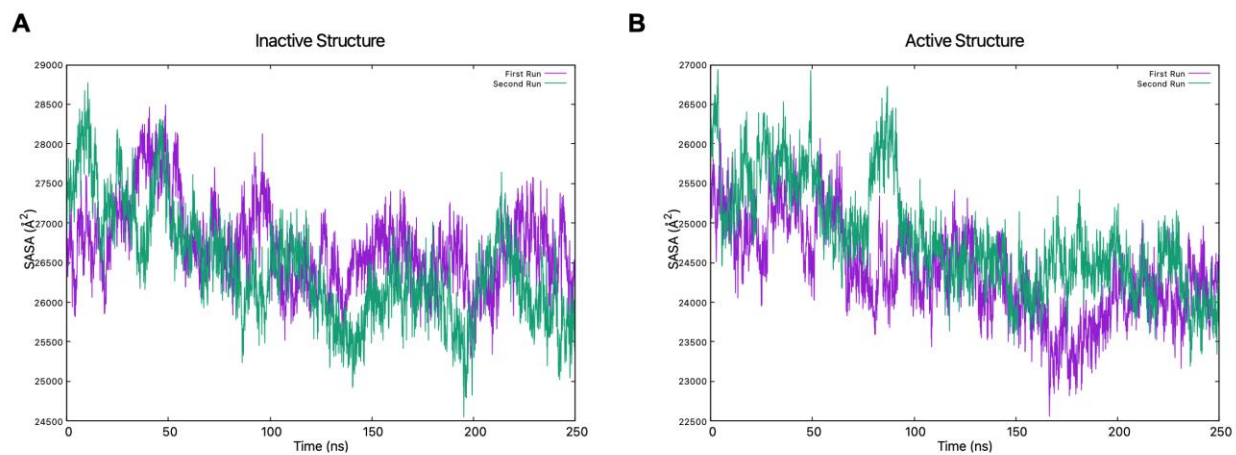


Figure S3: *Solvent-accessible surface area (SASA) graph of inactive (A) and active (B) structures comparing the first (purple) and second (green) runs.*

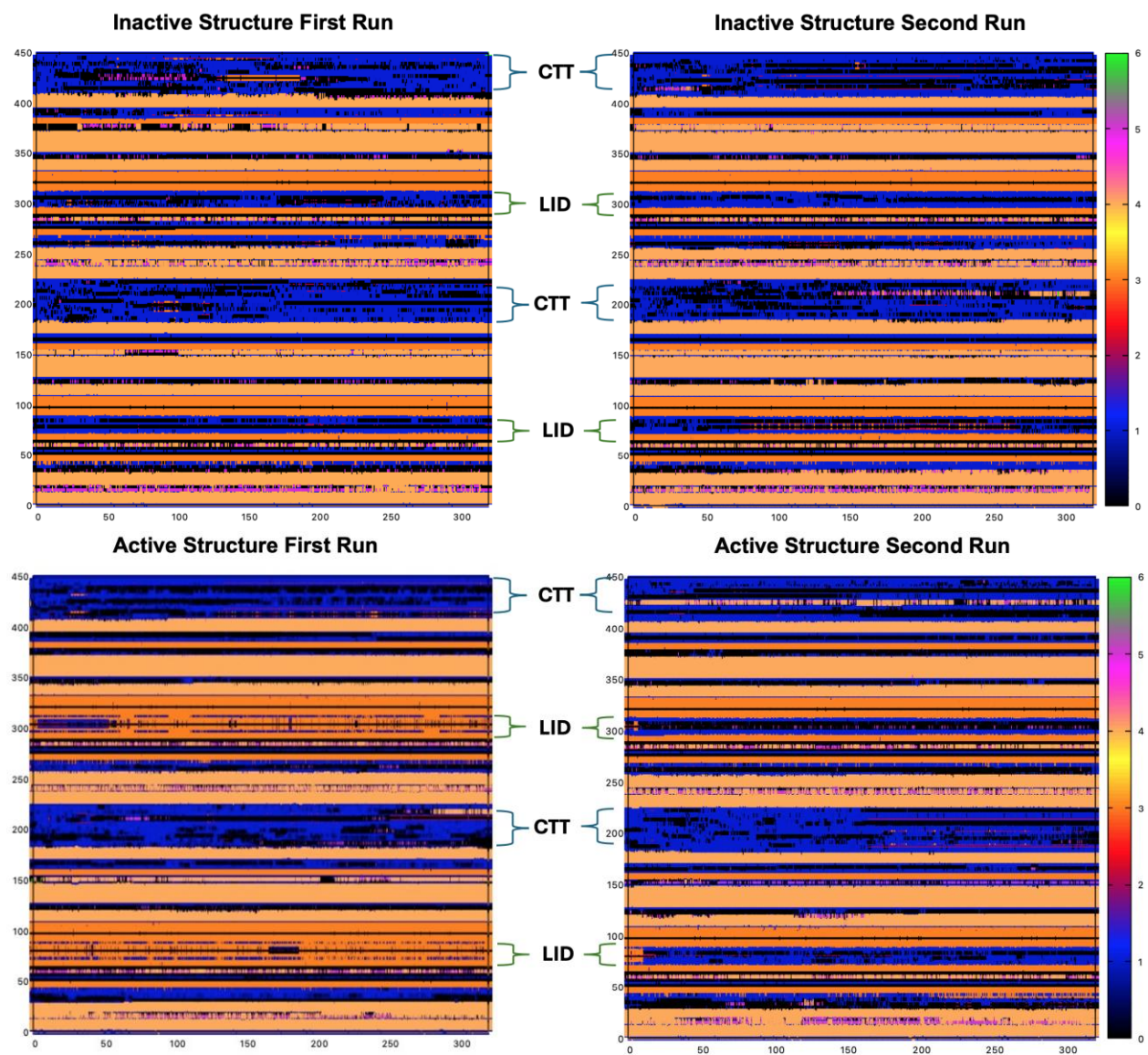


Figure S4: Secondary structure analysis of inactive and active structures for the first and second runs.