

## **Description of Additional Supplementary Files**

Title: **Supplementary Data 1**

Description: I-TASSER Results for AhR & initial and final configurations for molecular dynamics trajectories

Title: **Supplementary Movie 1**

Description: Interaction of monomer STING with AhR in state without endogenous ligand (Kyn) binding.

Title: **Supplementary Movie 2**

Description: Interaction of monomer STING with AhR in state with endogenous ligand (Kyn) binding.

Title: **Supplementary Movie 3**

Description: Interaction of dimer STING with AhR in state without endogenous ligand (Kyn) binding.

Title: **Supplementary Movie 4**

Description: Interaction of dimer STING with AhR in state with endogenous ligand (Kyn) binding.