

NCCAT GUP3 Figures/Preliminary Results

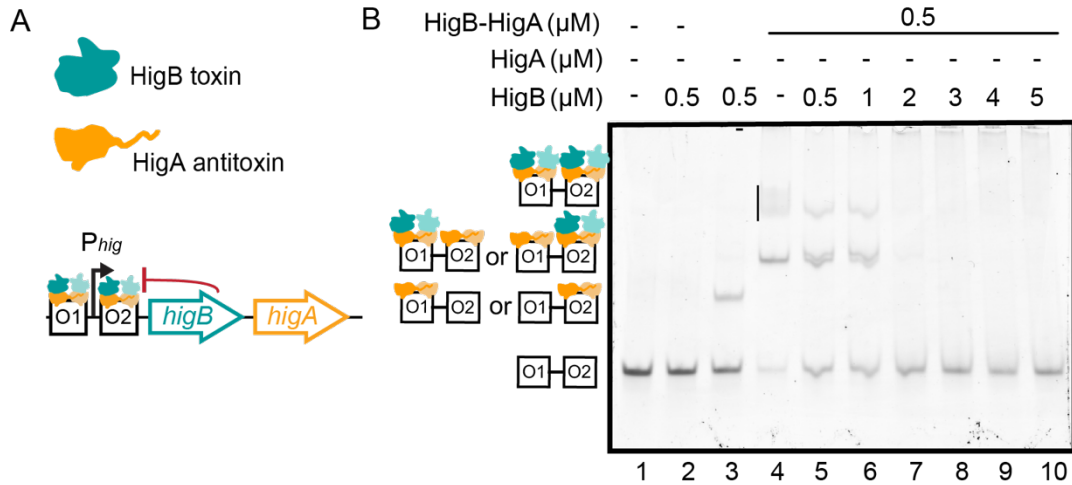


Figure 1. A. Schematic of the HigB-HigA complex activity as a transcriptional repressor. B. EMSA assay of HigB-HigA binding to *higO1-higO2*. Multiple oligomeric states form when excess HigB is added to the HigBA•DNA complex, with complex disruption occurring when 3 molar equivalents of HigB are present. We propose to solve structures of these defined complex states.

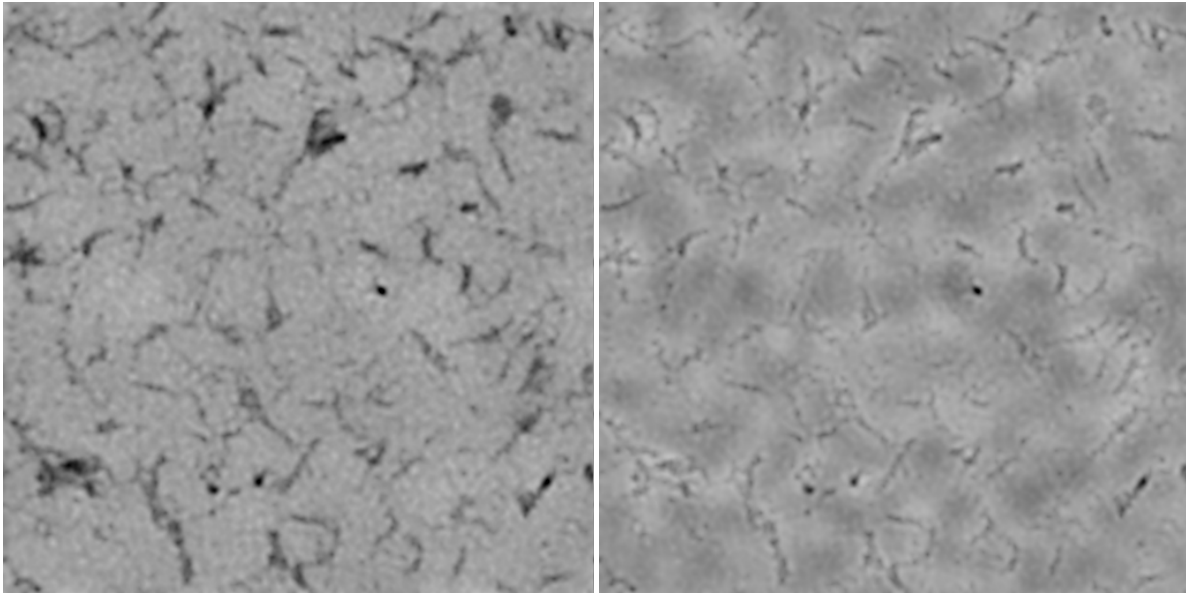


Figure 2. Micrographs of the HigB-HigA-*higO1-higO2* assembly. Complexes were formed and blotted on Au-flat grids with a Vitrobot Mark IV, and grids were screened on a Talos Arctica 200 kEV microscope. Micrographs were de-noised in CryoSparc. Representative micrograph (left) and de-noised micrograph (right) shown.