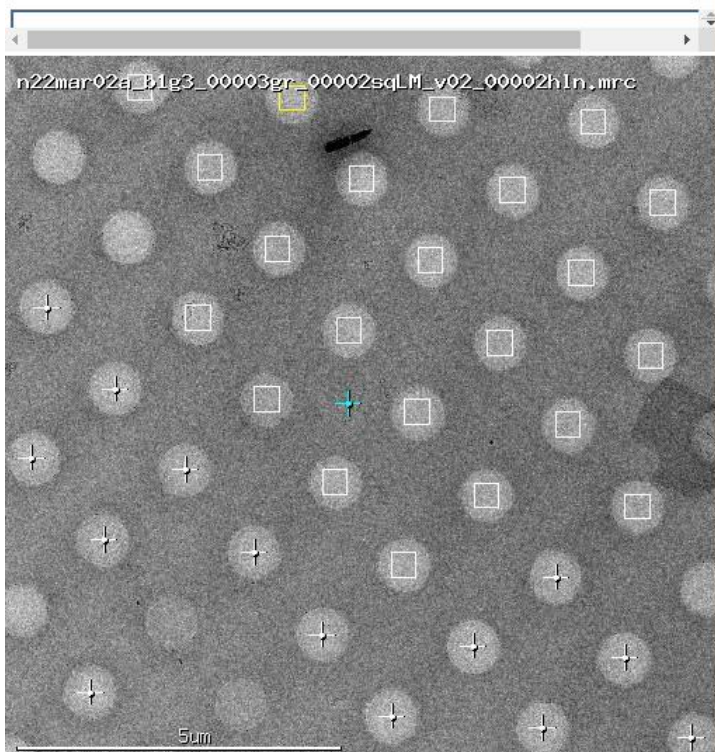


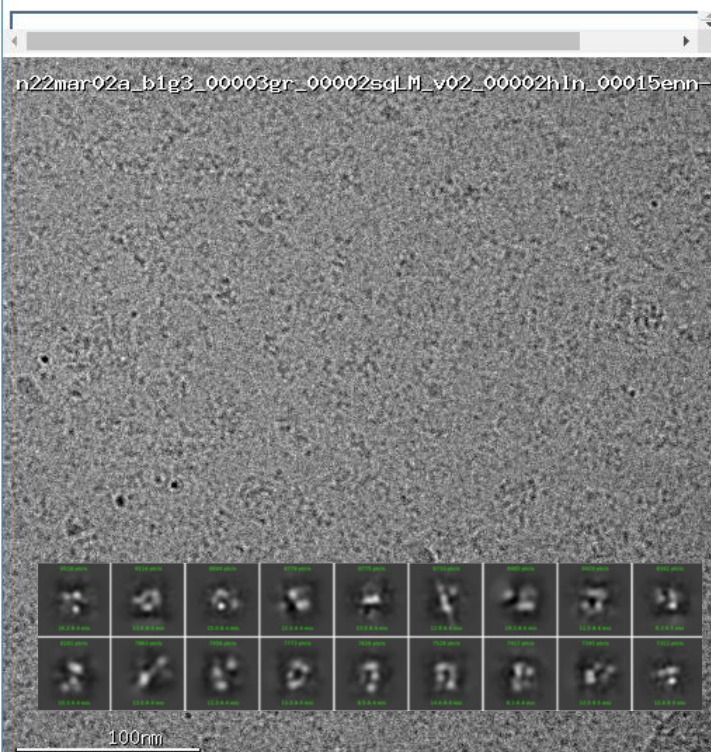
This RAP1 supplement shows low mag (left) and high mag (right) micrographs of 4 samples, in order of priority. Sample 1 has undergone limited processing from 400 micrographs, showing particles of the correct size (most promising result to date).

Sample 1: Full complex (crosslinked) on Graphene

mag: 5300 defocus: -50.00 μm pixelsize: 109.019 \AA dose: none
n22mar02a_b1g3_00003gr_00002sqLM_v02_00002h1n.mrc
2022-03-03 00:54:45

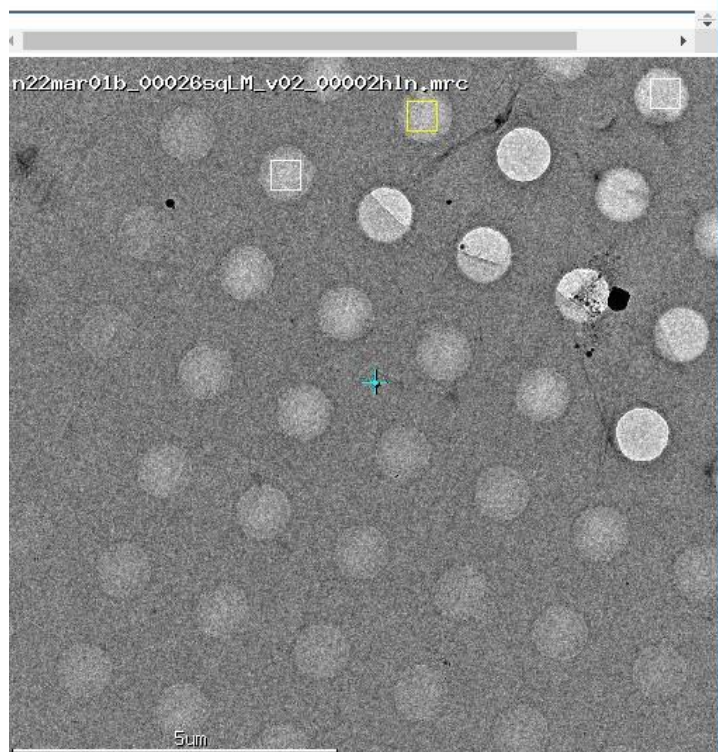


mag: 150000 defocus: -3.00 μm pixelsize: 0.963 \AA dose: 64.19 $\text{e}^-/\text{\AA}^2$
n22mar02a_b1g3_00003gr_00002sqLM_v02_00002h1n_00015enn-a-DW.mrc
2022-03-03 01:04:42 ALS Thickness: 50 nm

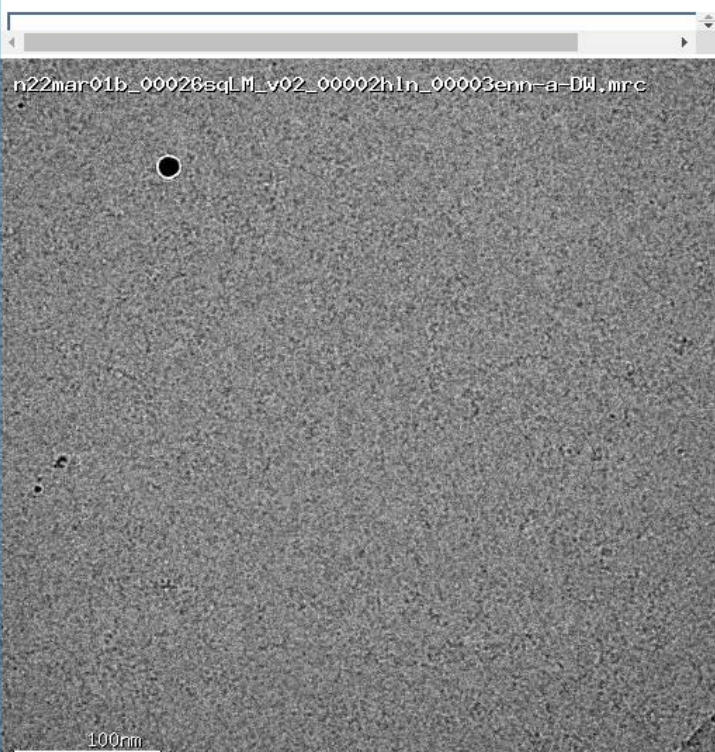


Sample 2: Partial complex on Graphene

mag: 5300 defocus: -50.00 μm pixelsize: 109.019 \AA dose: none
n22mar01b_00026sqLM_v02_00002h1n.mrc
2022-01-03 15:19:32

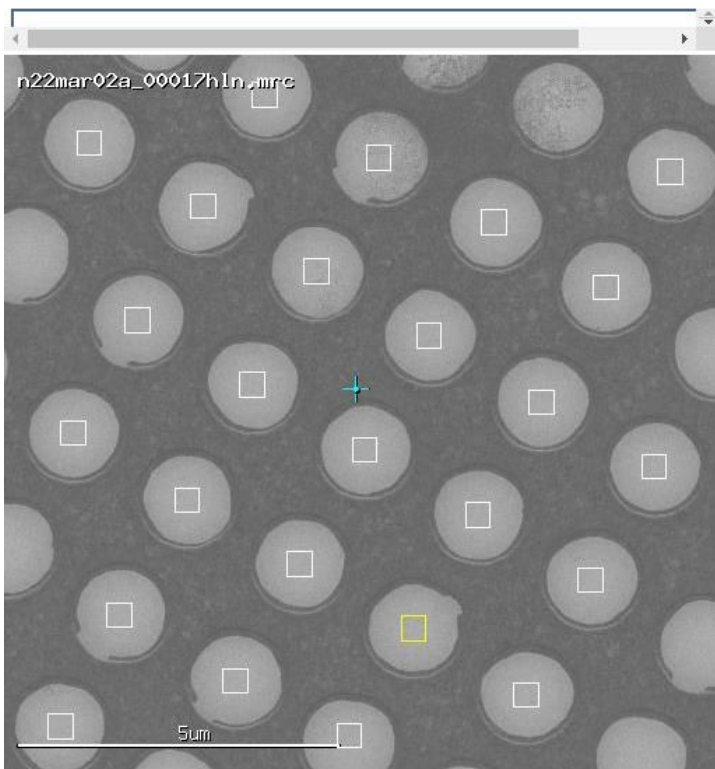


mag: 120000 defocus: -3.00 μm pixelsize: 1.204 \AA dose: 51.72 $\text{e}^-/\text{\AA}^2$
n22mar01b_00026sqLM_v02_00002h1n_00003enn-a-DW.mrc
2022-01-03 15:21:28 ALS Thickness: 20 nm

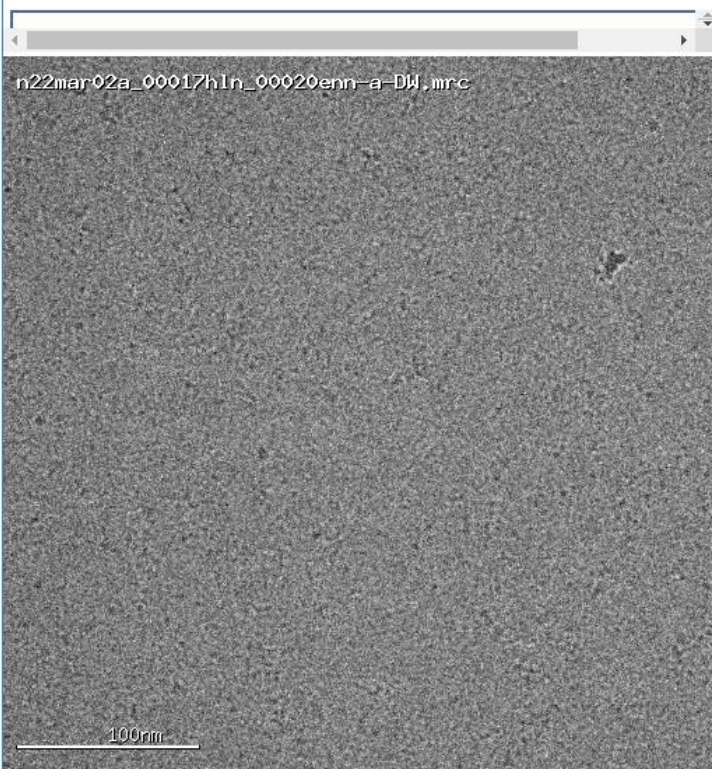


Sample 3: Full complex at 100 ms (Chameleon)

mag: 5300 defocus: -50.00 μm pixelsize: 109.019 Å dose: none
n22mar02a_00017h1n.mrc
2022-02-03 17:03:53

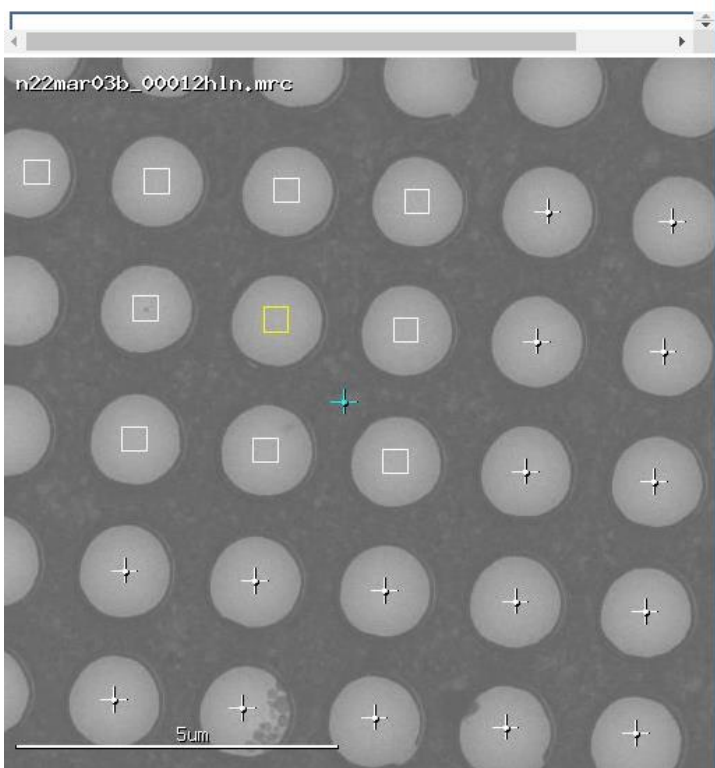


mag: 150000 defocus: -3.00 μm pixelsize: 0.963 Å dose: 64.19 $\text{e}^-/\text{\AA}^2$
n22mar02a_00017h1n_00020enn-a-DW.mrc
2022-02-03 17:14:01 ALS Thickness: 91 nm



Sample 4: Partial complex (mutant) at 200 ms (Chameleon)

mag: 5300 defocus: -50.00 μm pixelsize: 109.019 Å dose: none
n22mar03b_00012h1n.mrc
2022-04-03 17:36:11



mag: 150000 defocus: -3.00 μm pixelsize: 0.963 Å dose: 64.19 $\text{e}^-/\text{\AA}^2$
n22mar03b_00012h1n_00004enn.mrc
2022-04-03 17:38:23 ALS Thickness: 11 nm

