



Fig.1 Preliminary data. (A) SDS-PAGE of RyR1 purification. (B) Size exclusion chromatogram of RyR1 (RyR1 peak is indicated in red). (C) Representative micrograph of RyR1/CLIC2. (D) Representative 2D class averages of RyR1/CLIC2. (E) RyR1/CLIC2 map fitted with RyR1 model, zoomed in around putative CLIC2 binding site, shown to the right. (F) RyR1/HN1L map fitted with RyR1 model, zoomed in around putative HN1L binding site on the right panel. (G) RyR1/AICAR map fitted with RyR1 model. Putative AICAR & ATP binding sites are shown on the right panel.