Figure 1: Preliminary Cryo-EM Data

    A) Coomassie stained SDS-PAGE gel of purified AP-3 samples used for cryo-EM grids. Molecular weight standards and AP-3 subunits labelled accordingly.

    B) Example of predominant 2D class averages from previous data collection efforts.

    C) Angular distribution heatmap from dataset corresponding to panel B.

    D) Gold Standard Fourier Shell Correlation resulting from panels B and C dataset.

    E) 2D class averages from grid preparation using low concentration detergent dataset.

    F) Preliminary AP-3 EM volume- front view (left) and top view (right)