Figures below represent some examples of the reconstructed tomograms of the RPE1 cell line with overexpressed TFG. The grayscale images on the right column are a single Z-slice through tomograms. Reconstruction was performed using Appion_Protomo. Images on the left column are the intermediate segmentation of the tomograms. Segmentation has been performed on a single membrane organelles (mostly lysosomes) so far. Segmentation is performed using EMAN convolutional neural network (CNN). The haze of the TFG complex can be seen in the second set of images. Scale bars represent 200 nm.