

**Supplementary Figure 1:** Not Proteins and Dcp2p co-localize in a dcp1 $\Delta$  strain.

Left panels show the NOT1-4-GFP proteins in green(dcp1 $\Delta$  strains: not1=yRP1915; not2=yRP1916; not3=yRP1917; not4=yRP1918). Right panels show the DCP2-RFP protein(pRP1166) in red. Center panels are the overlay of the images showing the colocalization in yellow. Each series is from a single  $0.5\mu$  plane through the yeast cell. All pictures were taken are at identical gain and normalization settings.