



Figure S4: Highly enriched ^{15}N -labeled vesicles in the foraminifer endoplasm at the periphery of the dinoflagellate. High magnification image of boxed region in Figure 2 that shows regions of elevated ^{15}N accumulation at the end of the light phase ($t = 6$ h). The ^{15}N enriched regions correspond to sections of the dinoflagellate nucleus and chloroplast, and an *Orbulina universa* fibrillar body where extensive protein and nucleotide synthesis occurred during the light phase. Arrowheads: ^{15}N -enriched vesicles, d: dinoflagellate, f: fibrillar body, h: large heterogeneous vesicle. Scale bars: 5 μm .