

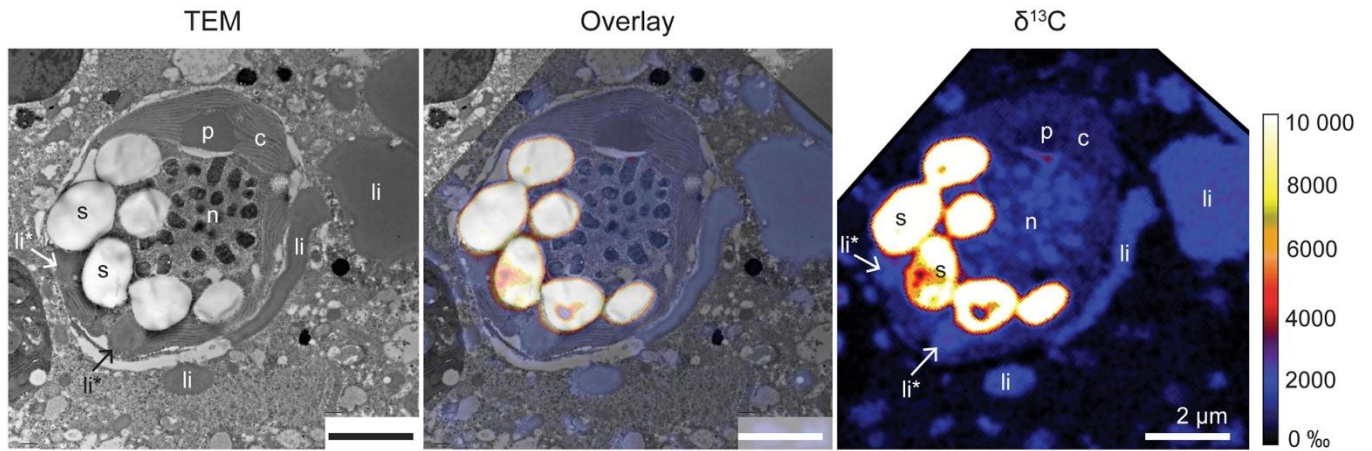


Figure S3: Lipid droplet translocation between a dinoflagellate and the foraminiferal host cell. TEM micrograph and corresponding $\delta^{13}\text{C}$ NanoSIMS images of the symbiotic dinoflagellate presented in panel E of Figure S1 ($t = 12$ h, $\delta^{13}\text{C}$ expressed as ‰). Objects appearing white in NanoSIMS images are starch deposits with ^{13}C -enrichments $> 20\,000$ ‰ (upper color scale limit). d: dinoflagellate, li: lipid droplet free in the endoplasm, li*: dinoflagellate lipid droplet, n: dinoflagellate nucleus, p: dinoflagellate pyrenoid, s: dinoflagellate starch grain.