



Figure S1. Perforations in the thylakoid membranes of *Microcoleus* sp. (A-E) and *Synechococcus* sp. PCC 7942 (F-H) cells. Scale bars, 100 nm (A); 200 nm (B); 200 nm (C); 200 nm (D); 250 nm (E); 200 nm (F); 100 nm (G); 30 nm (H).