



Supplementary Figure S1. Barplot of (A) archaeal and (B) bacterial phyla represented by more of 1 % of the reads in composite fractions L (comprising individual fractions with buoyant densities in the range 1.690-1.729 g/ml), MH (individual fractions with buoyant densities in the range 1.730-1.749 g/ml), and H (1.750-1.780 g/ml) of each control and treatment, which comprised the following conditions: 2 g of sample + 30 μL of H_2^{18}O + (i) Light / (ii) Dark / (iii) Light + 5 μM 3-(3,4-dichlorophenyl)-1,1-dimethylurea (DCMU) / (iv) Dark + 5 μM DCMU.