



**Figure S10** The overlap amongst significant genes (A), lipids (B), and metabolites (C) at a threshold of  $P \leq 0.001$  following Bonferroni correction across experimental conditions. C-limited, "C"; N-limited, "N"; aerobic, "O"; anaerobic, "A"; 30°C, "T"; and 15°C, "t". See Table S4 for the list of genes from the Multi-way ANOVA.