



Figure 2. Cyclic trends in photosynthesis-related genes. Cyclic trends with a 12 hour phase were detected in the top 20,000 most expressed genes in each lake. Here, we present an example of these cyclic trends in genes related to photosynthesis. Read counts in transcripts per liter were z-score normalized for the purpose of visualization. Each gene trend is color-coded by its time of maximal expression in the first 24 hour period. Because of missing samples in Day 2 of Trout Bog, only Day 1 is displayed.