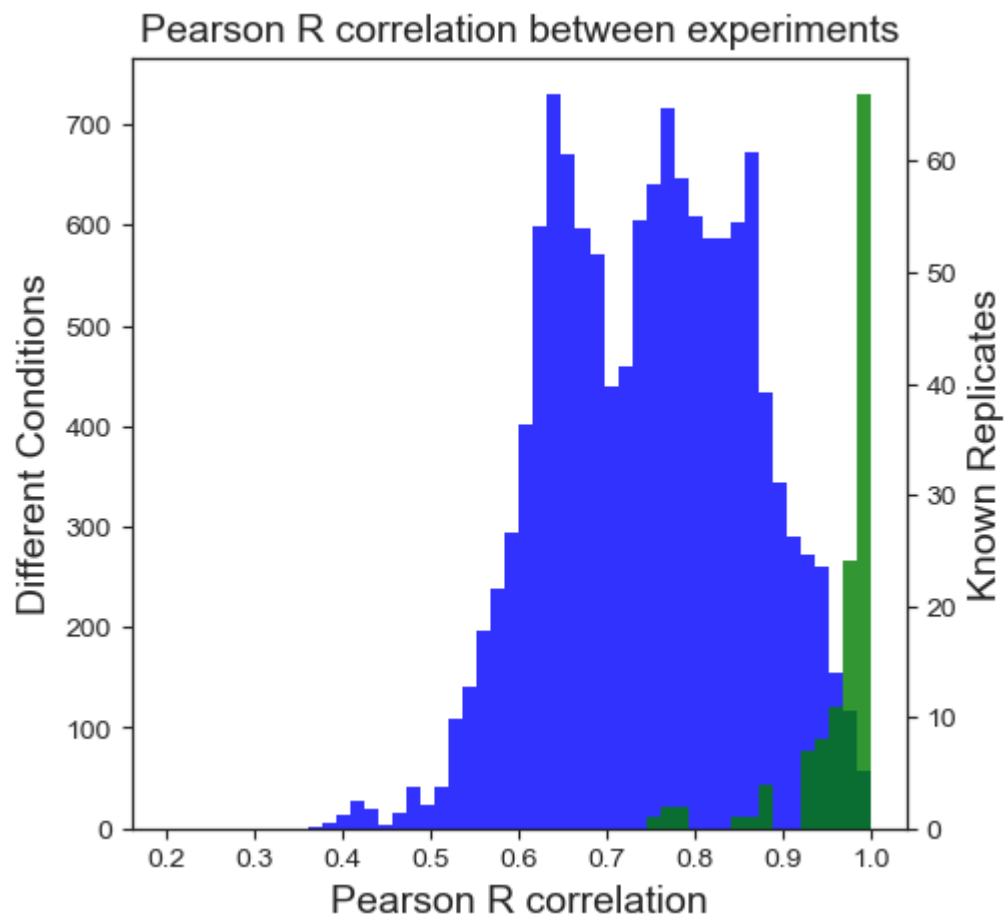
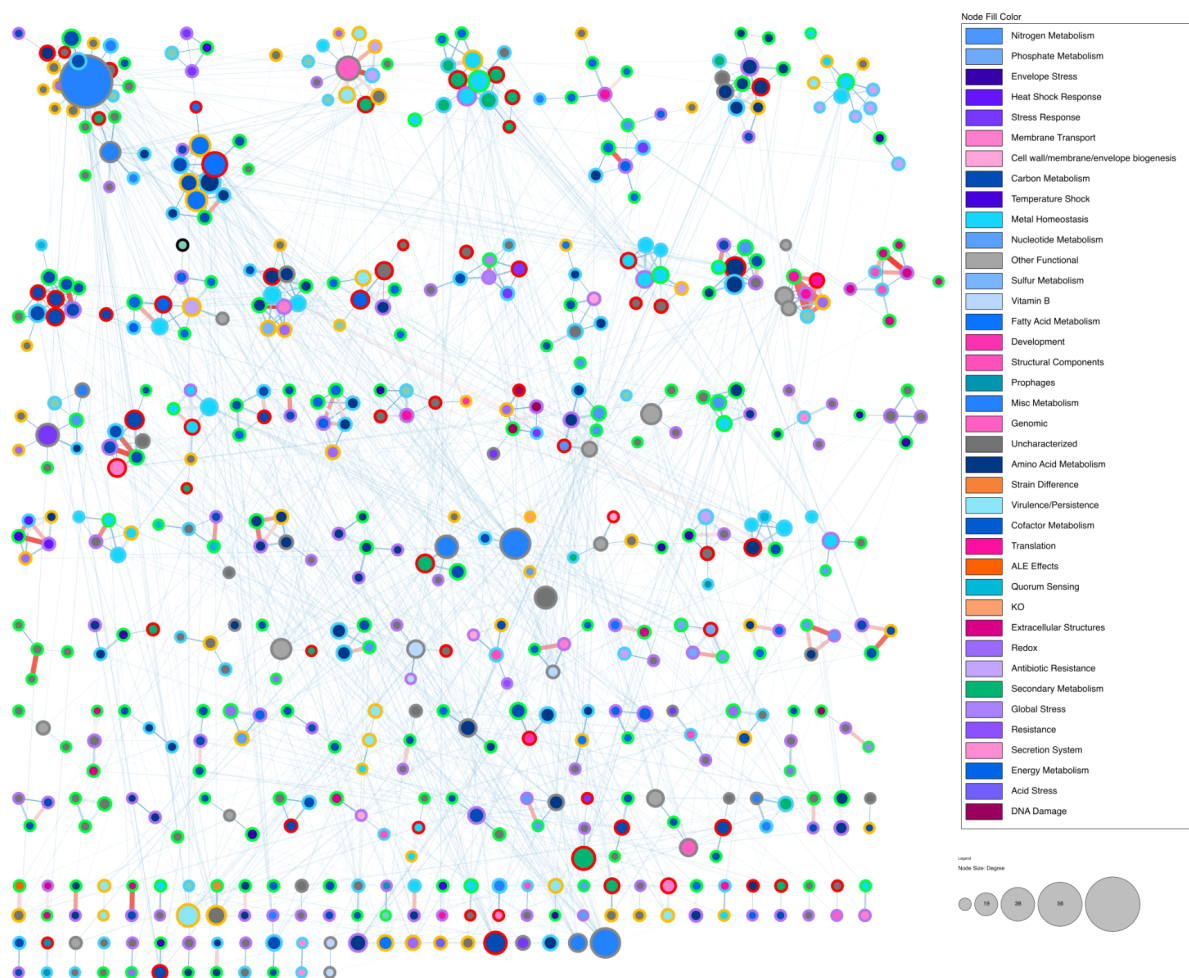


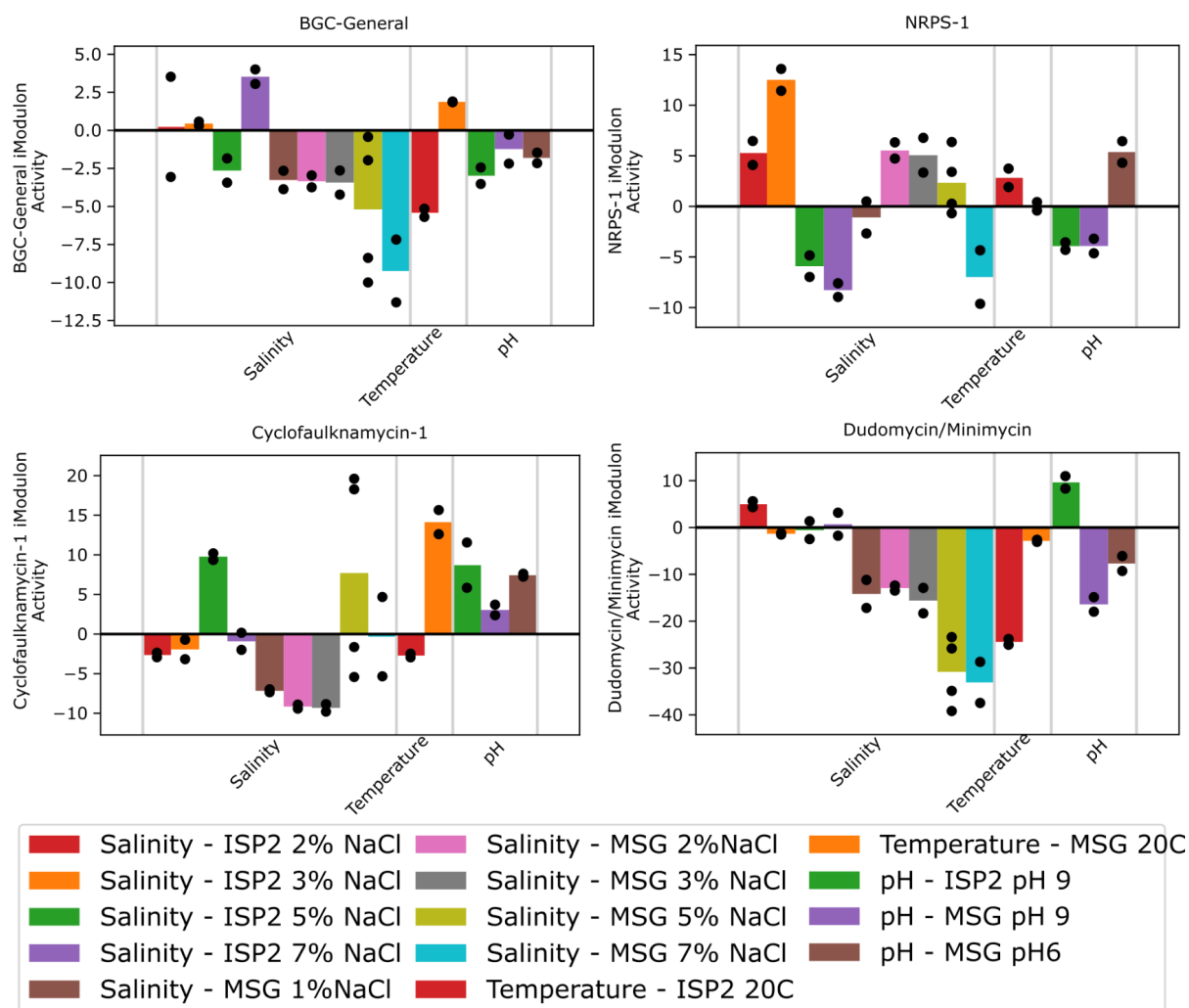
Supplementary figures



Supplementary fig. S1. Histogram of the correlations between log-tpm profiles of all samples across all conditions (blue) and known replicates (green). Median Pearson R score between replicates is 0.99. Replicates that did not exceed 0.90 in R score were removed from further analysis.



Supplementary fig. S2. Overview of the iModulome. Each node represents an individual iModulon. Node fill color represents overall function as per legend. The border fill colour depicts the species the iModulon was detected in: Red, *S. albidoflavus* J1074; Orange, *M. tuberculosis*; Green, *E. coli*; Purple, *S. enterica*; Turquoise, *P. aeruginosa*; Gray, *S. acidocaldarius*.



Supplementary fig. S3. Activities across conditions for NRPS related iModulons. Four iModulons that cluster with iron limitation related iModulons of other organisms. These NRP related iModulons appear regulated by various stress related conditions.