

The diagram illustrates the experimental design for the study. It shows four treatment groups, each with three replicates, arranged in a grid. The groups are labeled on the left: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. The replicates are represented by colored rectangles. The colors correspond to the treatment groups: yellow for Tide Pool 1, light green for Tide Pool 2, medium green for Nearshore, and light blue for Field Blank. The rectangles are arranged in a grid where each row represents a treatment group and each column represents a replicate. The grid is 4 rows by 12 columns. The first three columns are yellow (Tide Pool 1), the next three are light green (Tide Pool 2), the next three are medium green (Nearshore), and the last three are light blue (Field Blank). The rows are labeled: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. The Field Blank group has only one replicate shown in the diagram.