

The diagram illustrates the distribution of 120 samples across four categories, with each category having 3 replicates. The samples are organized into a grid of 12 columns, each representing a different environmental condition or location. The categories and their sample counts are as follows:

- Tide Pool 1 (S1):** 10 samples (3 replicates in each of the first 10 columns).
- Tide Pool 2 (S2):** 10 samples (3 replicates in each of the first 10 columns).
- Nearshore (N):** 10 samples (3 replicates in each of the first 10 columns).
- Field Blank:** 1 sample (1 replicate in the 12th column).

The columns are color-coded in a gradient from yellow to purple, representing different environmental conditions or locations. The first 10 columns are used for the Tide Pool 1 (S1), Tide Pool 2 (S2), and Nearshore (N) samples, while the 12th column is used for the Field Blank sample.