

The diagram illustrates the experimental design for four groups, each with three replicates. The groups are Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. The samples are represented by colored boxes indicating their stage in the experiment: yellow for initial samples, green for the first stage, teal for the second stage, blue for the third stage, and purple for the final stage. Tide Pool 1 (S1) shows a gap in the third stage. Tide Pool 2 (S2) and Nearshore (N) show continuous progression through all stages. Field Blank shows no progression beyond the initial sample.

Group	Replicate	Initial	Stage 1	Stage 2	Stage 3	Final
Tide Pool 1 (S1)	1	Yellow	Green	Green	Green	Green
	2	Yellow			Teal	
	3	Yellow			Teal	
Tide Pool 2 (S2)	1	Yellow	Green	Green	Green	Teal
	2	Yellow			Teal	
	3	Yellow			Teal	
Nearshore (N)	1	Yellow	Green	Green	Green	Teal
	2	Yellow			Teal	
	3	Yellow			Teal	
Field Blank	1	Yellow				