

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 different stages or treatments. The color sequence from left to right is: yellow, light green, green, teal, light blue, and purple. The Field Blank group only has a yellow box at the start and a purple box at the end. The other groups show a progression through all six stages.

Group	Replicate	Stage 1 (Yellow)	Stage 2 (Light Green)	Stage 3 (Green)	Stage 4 (Teal)	Stage 5 (Light Blue)	Stage 6 (Purple)
Tide Pool 1 (S1)	1	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	Yes	Yes	Yes	Yes	Yes
	3	Yes	Yes	Yes	Yes	Yes	Yes
Tide Pool 2 (S2)	1	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	Yes	Yes	Yes	Yes	Yes
	3	Yes	Yes	Yes	Yes	Yes	Yes
Nearshore (N)	1	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	Yes	Yes	Yes	Yes	Yes
	3	Yes	Yes	Yes	Yes	Yes	Yes
Field Blank	1	Yes	No	No	No	No	Yes