

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 color-coded by treatment stage: yellow (control), light green (low), green (medium), teal (high), light blue (very high), and purple (post-exposure). The Field Blank group only has a control sample. The other groups show a progression through the treatment stages, with some groups having additional samples at later stages.

Group	Replicate	Control	Low	Medium	High	Very High	Post-Exposure
Tide Pool 1 (S1)	1	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	No	No	Yes	No	Yes
	3	Yes	No	No	Yes	No	Yes
Tide Pool 2 (S2)	1	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	No	No	Yes	No	Yes
	3	Yes	No	No	Yes	No	Yes
Nearshore (N)	1	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	No	No	Yes	No	Yes
	3	Yes	No	No	Yes	No	Yes
Field Blank	1	Yes	No	No	No	No	Yes