

Table S1. Statistical analysis for the asexual reproduction of *Aurelia solida* polyps kept under several combinations of different temperatures and salinities. Results of post-hoc pairwise Tukey Tests with significant differences indicated by different letters (a–k).

Temperature	Salinity	response	SE	df	lower CL	upper CL	Group
12	20	1,3	0,42	444	0,68	2,46	a
12	25	4,32	0,94	444	2,82	6,62	a b c
12	30	8,1	1,56	444	5,55	11,83	b c d e
12	35	7,84	1,44	444	5,47	11,24	b c d e
12	37	6,38	1,22	444	4,37	9,3	b c
12	40	3,69	0,84	444	2,36	5,77	a b
16	20	5,33	1,09	444	3,57	7,96	b c
16	25	18,15	2,75	444	13,47	24,44	f g h i
16	30	20,1	3,05	444	14,92	27,09	f g h i j
16	35	21,26	3,15	444	15,89	28,44	f g h i j
16	37	14,47	2,34	444	10,53	19,88	d f g
16	40	9,22	1,61	444	6,53	13,01	c d e
20	20	13,65	2,19	444	9,97	18,71	d e f
20	25	30,68	4,31	444	23,29	40,43	j k
20	30	33,26	4,64	444	25,29	43,76	k
20	35	24,91	3,6	444	18,75	33,08	h i j k
20	37	23,49	3,46	444	17,59	31,37	g h i j k
20	40	18,07	2,75	444	13,41	24,37	f g h i
24	20	14,27	2,27	444	10,43	19,5	d f g
24	25	27,64	3,98	444	20,83	36,68	h j k
24	30	27,47	3,92	444	20,75	36,35	h j k
24	35	25,94	3,73	444	19,56	34,41	h i j k
24	37	24,52	3,59	444	18,38	32,7	h i j k
24	40	18,16	2,76	444	13,48	24,47	f g h i
28	20	0,72	0,72	444	0,1	5,17	a b c d e f g h i j
28	25	13,66	2,21	444	9,95	18,77	d e f
28	30	17,21	2,64	444	12,73	23,27	f g i
28	35	17,22	2,68	444	12,68	23,38	f g i
28	37	13,5	2,19	444	9,82	18,55	d e f
28	40	6,66	1,36	444	4,46	9,94	b c e