

Table S1. Amberjack hole water column sample metadata and amplicon sequencing results. Processed reads are those that were quality-filtered, trimmed, and run through DADA2.

Sample ID	Month	Depth (m)	Sampling method	# Raw reads	# processed reads
BH050M	May	0	Niskin (hand-cast)	83,548	30,537
BH057M	May	7	Niskin (rosette)	84,483	40,768
BH0515MA	May	15	Niskin (rosette)	102,362	44,445
BH0515MB	May	15	Diver bottle	50,951	12,692
BH0523M	May	23	Niskin (rosette)	88,320	49,639
BH0530M	May	30	Niskin (hand-cast)	94,299	47,610
BH0532C	May	32	Diver bottle	79,530	39,941
BH0546M	May	46	Diver bottle	109,288	55,089
BH0560M	May	60	Niskin (hand-cast)	111,130	62,497
BH0561M	May	61	Diver bottle	75,200	33,385
BH0585M	May	85	Niskin (hand-cast)	116,106	59,356
BH05106M	May	106	Diver bottle	93,844	48,642
BH0910M	September	10	Niskin (hand-cast)	146,001	83,136
BH0920M	September	20	Niskin (hand-cast)	133,862	80,147
BH0930M	September	30	Niskin (hand-cast)	162,528	86,957
BH0940M	September	40	Niskin (hand-cast)	170,522	89,819
BH0950M	September	50	Niskin (hand-cast)	194,395	118,397
BH0960M	September	60	Niskin (hand-cast)	172,560	97,492
BH0970M	September	70	Niskin (hand-cast)	141,769	84,787
BH0980M	September	80	Niskin (hand-cast)	190,289	106,121
BH0985M	September	85	Niskin (hand-cast)	173,136	95,596
BH0990M	September	90	Niskin (hand-cast)	128,982	67,244
BH0995M	September	95	Niskin (hand-cast)	172,152	102,331