

Supplementary File S6

Laboratory diseased *M. cavernosa* (based on collection location)

	Total	Ft. Lauderdale	FL Keys
# coral fragments	67	24	43
Disease stopped	26 (38.8%)	8 (33.3%)	18 (41.9%)
Slow progression over >21 d	14 (21.0%)	7 (29.2%)	7 (16.3%)
Complete mortality <21 d	27 (40.3%)	9 (37.5%)	18 (41.8%)
VcpA+	16 (23.9%)	4 (16.7%)	12 (27.9%)
Tissue loss only	32 (47.8%)	8 (33.3%)	24 (55.8%)
Tissue loss + Bleaching	23 (34.3%)	14 (58.3%)	9 (20.9%)
Bleaching only	12 (17.9%)	2 (0.83%)	10 (23.2%)

*Percents are out of the total corals from a specific location (Total, Ft. Lauderdale, or FL Keys)

Laboratory diseased *M. cavernosa* (based on VcpA test)

	Total	VcpA-	VcpA+
# coral fragments	67	53	16
Disease stopped	26 (38.8%)	26 (49.0%)	0 (0.0%)
Slow progression over >21 d	14 (20.9%)	14 (26.4%)	0 (0.0%)
Complete mortality <21 d	29 (43.3%)	13 (25.5%)	16 (100.0%)
Tissue loss only	34 (50.7%)	21 (39.6%)	13 (68.8%)
Tissue loss + Bleaching	23 (34.3%)	20 (37.7%)	3 (21.4%)
Bleaching only	12 (17.9%)	12 (22.6%)	0 (0.0%)

*Percents are out of the total corals with a specific VcpA assay result (Total, VcpA-, or VcpA+)

Laboratory diseased *O. faveolata* (based on collection location)

	Total	Ft. Lauderdale	FL Keys
# coral fragments	24	4	20
Disease stopped	8 (33.3%)	2 (50.0%)	6 (30.0%)
Slow progression over >21 d	2 (0.8%)	0 (0.0%)	2 (10.0%)
Complete mortality <21 d	12 (50.0%)	2 (50.0%)	10 (50.0%)
VcpA+	5 (20.8%)	1 (25.0%)	4 (20.0%)
Tissue loss only	10 (41.7%)	2 (50.0%)	8 (40.0%)
Tissue loss + Bleaching	9 (37.5%)	1 (25.0%)	8 (40.0%)
Bleaching only	3 (12.5%)	1 (25.0%)	2 (10.0%)

*Percents are out of the total corals from a specific location (Total, Ft. Lauderdale, or FL Keys)

Laboratory diseased *O. faveolata* (based on VcpA test)

	Total	VcpA-	VcpA+
# coral fragments	24	18	6
Disease stopped	8 (33.3%)	8 (44.4%)	0 (0.0%)
Slow progression over >21 d	2 (0.8%)	2 (11.1%)	0 (0.0%)
Complete mortality <21 d	12 (50.0%)	6 (33.3%)	6 (100.0%)
Tissue loss only	10 (41.7%)	4 (22.2%)	6 (100.0%)
Tissue loss + Bleaching	9 (37.5%)	9 (50.0%)	0 (0.0%)
Bleaching only	3 (12.5%)	3 (16.7%)	0 (0.0%)

*Percents are out of the total corals with a specific VcpA assay result (Total, VcpA-, or VcpA+)