Table S4

a. *M. faveolata* and b. *P. astreoides* percent Similarity (Top) and PERMANOVA
*significance based on Jaccard distance matrix (Bottom); Mean inter- and intra- site similarities listed
Derived from SILVA database OTU's

a. *M. faveolata*	Belize	Florida (IS)	St. Thomas	Mean Similariy ± SE	
Belize	-	37.21	52.02	**Between**	**Within**
Florida IS	0.30	56.10	49.35	46% ± 4.6	58% ± 1.7
St. Thomas	0.38	0.24	59.46		
b. *P. astreoides*	Belize	Florida (IS)	St. Thomas	Mean Similariy ± SE	
Belize	28.57	20.11	23.12	**Between**	**Within**
Florida IS	0.23	41.18	39.95	28% ± 6.2	35% ± 3.7
St. Thomas	0.27	0.47	36.00		

*All P-values reported as Monte Carlo statistic