

**Additional file 1. Summary of digestive gland RNA and protein samples collected during January 2006 feeding assays**

Diet group	Big Point		North Normans		Rainbow Gardens		Reef		Shark Rock		Sugar Blue Holes		Total	
	RNA	Protein	RNA	Protein	RNA	Protein	RNA	Protein	RNA	Protein	RNA	Protein	RNA	Protein
<i>B. asbestinum</i>	2	1	2	0	5	1	2	1	2	1	2	1	13	4
<i>E. mammosa</i>	2	1	2	0	4	1	2	1	2	1	2	1	12	4
<i>G. ventalina</i>	2	1	2	0	5	1	2	1	2	1	2	1	13	4
<i>P. acerosa</i>	2	1	2	0	2	1	2	1	2	1	2	1	10	4
<i>P. americana</i>	2	1	2	0	3	2	3	2	2	2	2	2	12	7
<i>P. elisabethae</i>	2	0	2	0	0	0	0	0	2	0	2	0	6	0
<i>P. homomalla</i>	2	1	2	0	3	1	2	1	2	1	2	1	11	4
Control	6	3	6	0	9	3	6	3	6	3	6	3	33	12
Time Zero	6		6		6		6		6		7		31	

Numbers reflect the total number of digestive glands collected in each category.