

Supplementary Materials: Effects of pH and Nutrients (Nitrogen) on Growth and Toxin Profile of the Ciguatera-Causing Dinoflagellate *Gambierdiscus polynesiensis* (Dinophyceae)

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Table S1. List of all *m/z* transitions required in scheduled MRM LC-MS/MS analysis to detect and quantify P-CTX compounds.

Compound	Parent Ion Species	<i>m/z</i> Transition	Corresponding Color
P-CTX3B, P-CTX3C and isomer (4)	[M+NH ₄] ⁺	1040.6 → 1005.6	black
	[M+H] ⁺	1023.6 → 1005.6	dark purple
		125.1	flashy green
P-CTX3B/C isomers group (1) (2) (3)	[M+NH ₄] ⁺	1040.6 → 1005.6	purple
	[M+H] ⁺	1023.6 → 1005.6	red
		125.1	turquoise
P-CTX4A and P-CTX4B	[M+NH ₄] ⁺	1078.6 → 1043.6	dark blue
	[M+H] ⁺	1061.6 → 1043.6	Bordeaux red
		125.1	khaki
M-seco-P-CTX3C	[M+H] ⁺	1041.6 → 1023.6	black
		1005.6	blue
		125.1	flashy green
2-OH-P-CTX3C	[M+NH ₄] ⁺	1058.6 → 1023.6	light blue
		1005.6	pink
		125.1	orange



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