

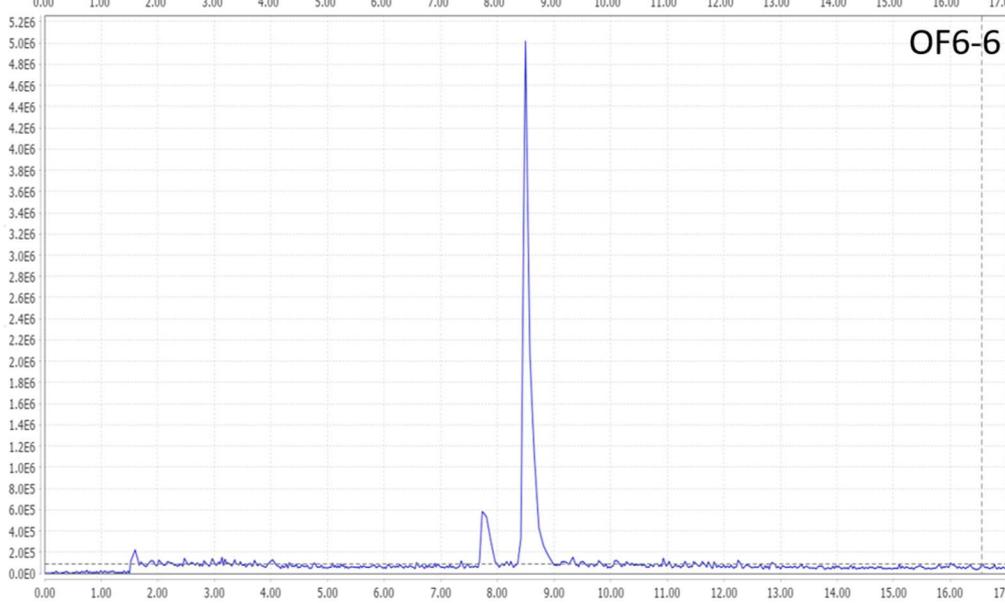
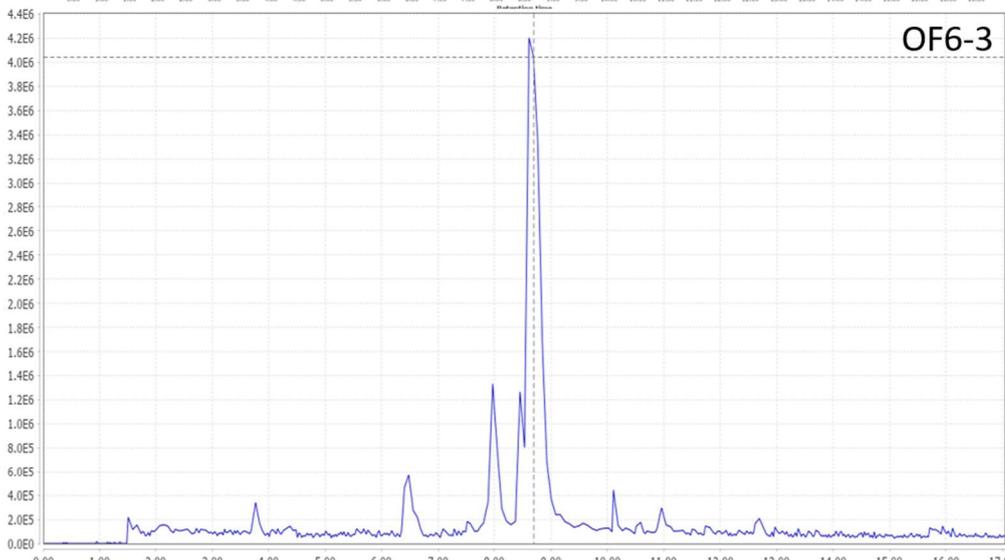
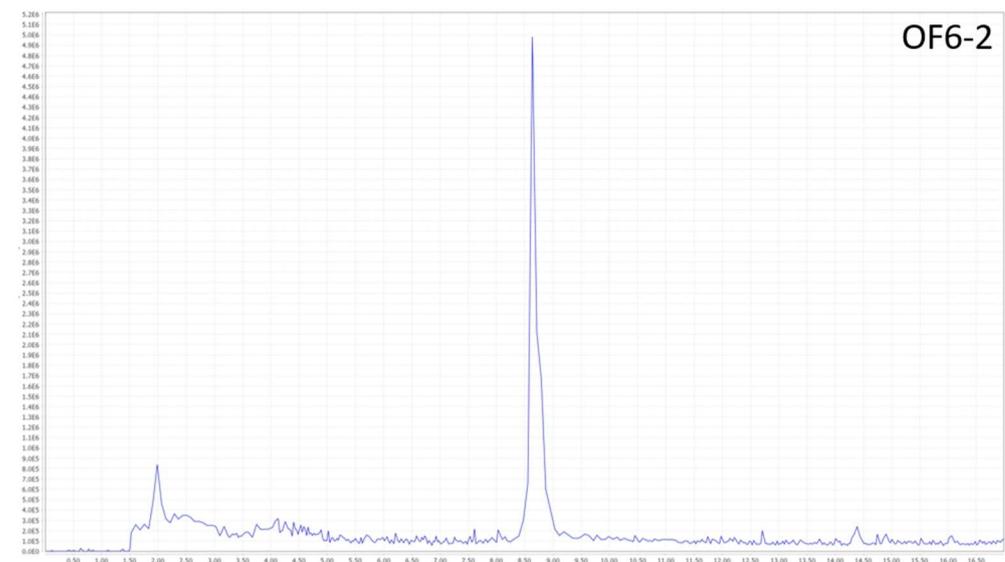
Article

# On the Hunt for New Toxin Families Produced by a Mediterranean Strain of the Benthic Dinoflagellate *Ostreopsis cf. ovata*

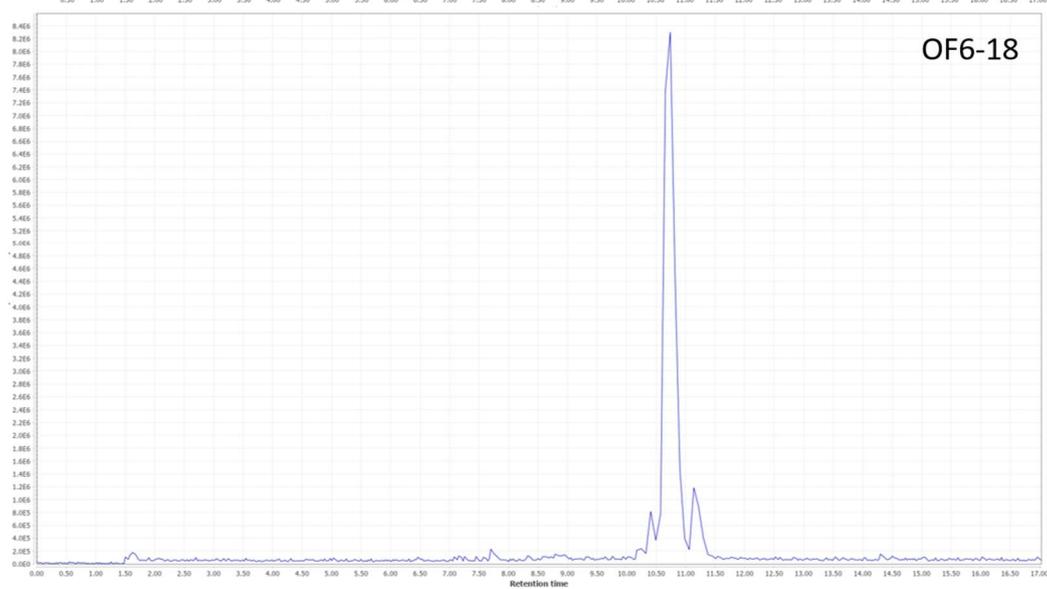
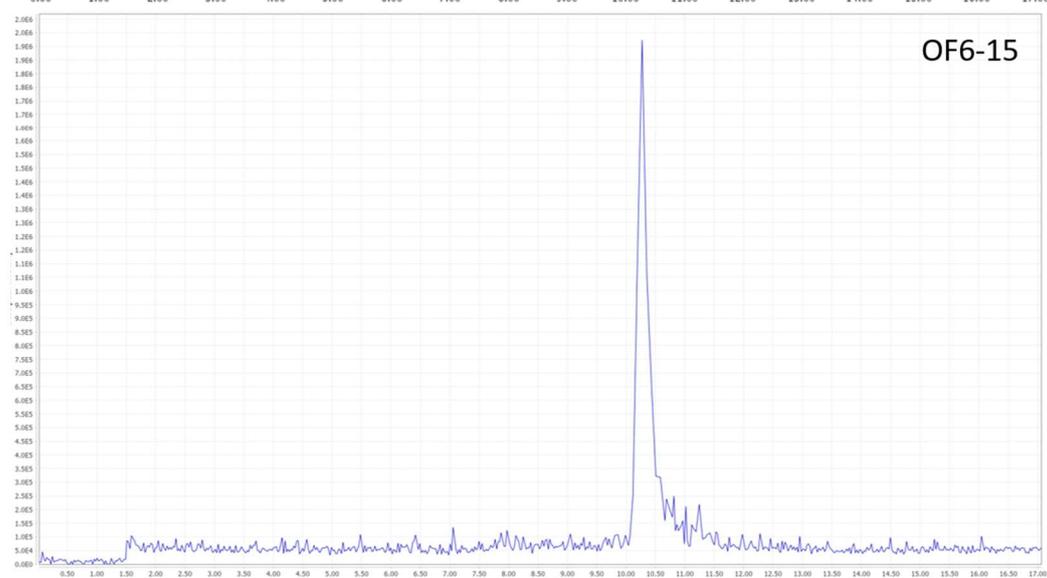
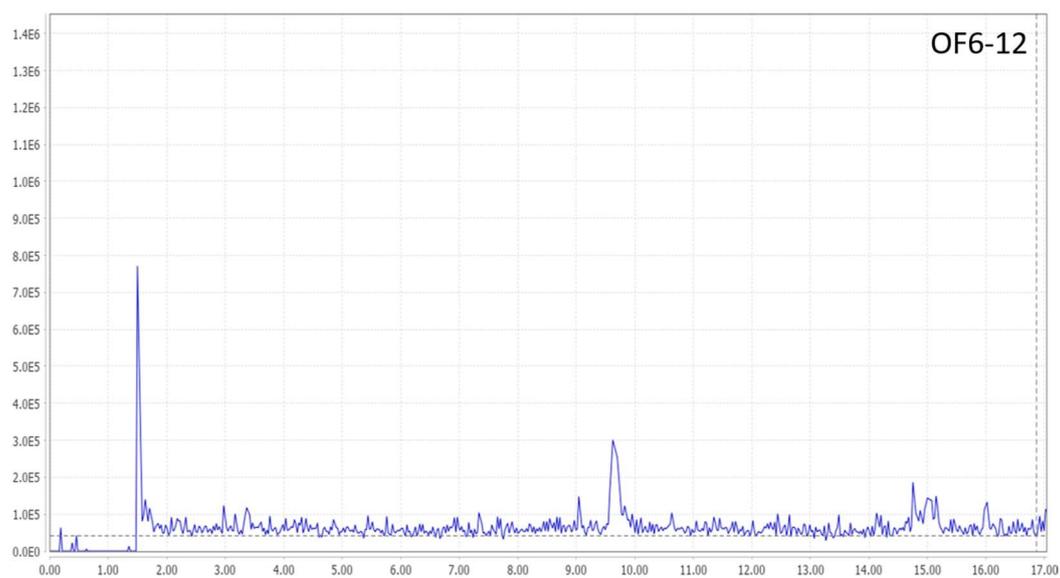
Eva Ternon, Evgenia Glukhov, Emily Trytten, Rodolphe Lemée and William Gerwick

**Table S1.** Overall summary of NCI-H460 cell line concentration-response curves including CC<sub>50</sub> and R<sup>2</sup> values ( $\geq 0.89$ ) for each curve. Cell cytotoxicity values are expressed in  $\mu\text{g/mL}$ .

COMPOUND ID	A	B	C	AVG, $\mu\text{g/mL}$	error, $\mu\text{g/mL}$	% ERROR	R2 A	R2 B	R2 C
<b>OF6-2</b>	5.65E-01	7.20E-01	7.46E-01	<b>0.68</b>	<b>0.10</b>	<b>10</b>	0.9711	0.9748	0.986
<b>OF6-3</b>	1.41E+00	1.49E+00	1.32E+00	<b>1.40</b>	<b>0.08</b>	<b>8</b>	0.9144	0.8721	0.96
<b>OF6-6</b>	5.24E-01	8.38E-01	7.07E-01	<b>0.69</b>	<b>0.16</b>	<b>16</b>	0.9831	0.9686	0.9807
<b>OF6-12</b>	3.06E+00	3.28E+00	3.04E+00	<b>3.12</b>	<b>0.13</b>	<b>13</b>	0.9468	0.981	0.9522
<b>OF6-15</b>	1.12E+00	1.56E+00	1.16E+00	<b>1.28</b>	<b>0.24</b>	<b>24</b>	0.8853	0.9812	0.9449
<b>OF6-18</b>	9.56E-01	6.80E-01	6.59E-01	<b>0.76</b>	<b>0.17</b>	<b>17</b>	0.9462	0.9801	0.9748
<b>PLTX</b>	4.02E-05	5.34E-05	4.04E-05	<b>4.5E-05</b>	<b>7.6E-06</b>	<b>0</b>	0.9907	0.9864	0.9665
<b>OF6-MIX</b>	1.58E-01	1.36E-01	1.26E-01	<b>0.14</b>	<b>0.02</b>	<b>2</b>	0.9884	0.9908	0.9543
<b>DOX</b>	1.49E-01	2.02E-01	1.87E-01	<b>0.18</b>	<b>0.03</b>	<b>3</b>	0.9866	0.9728	0.9457

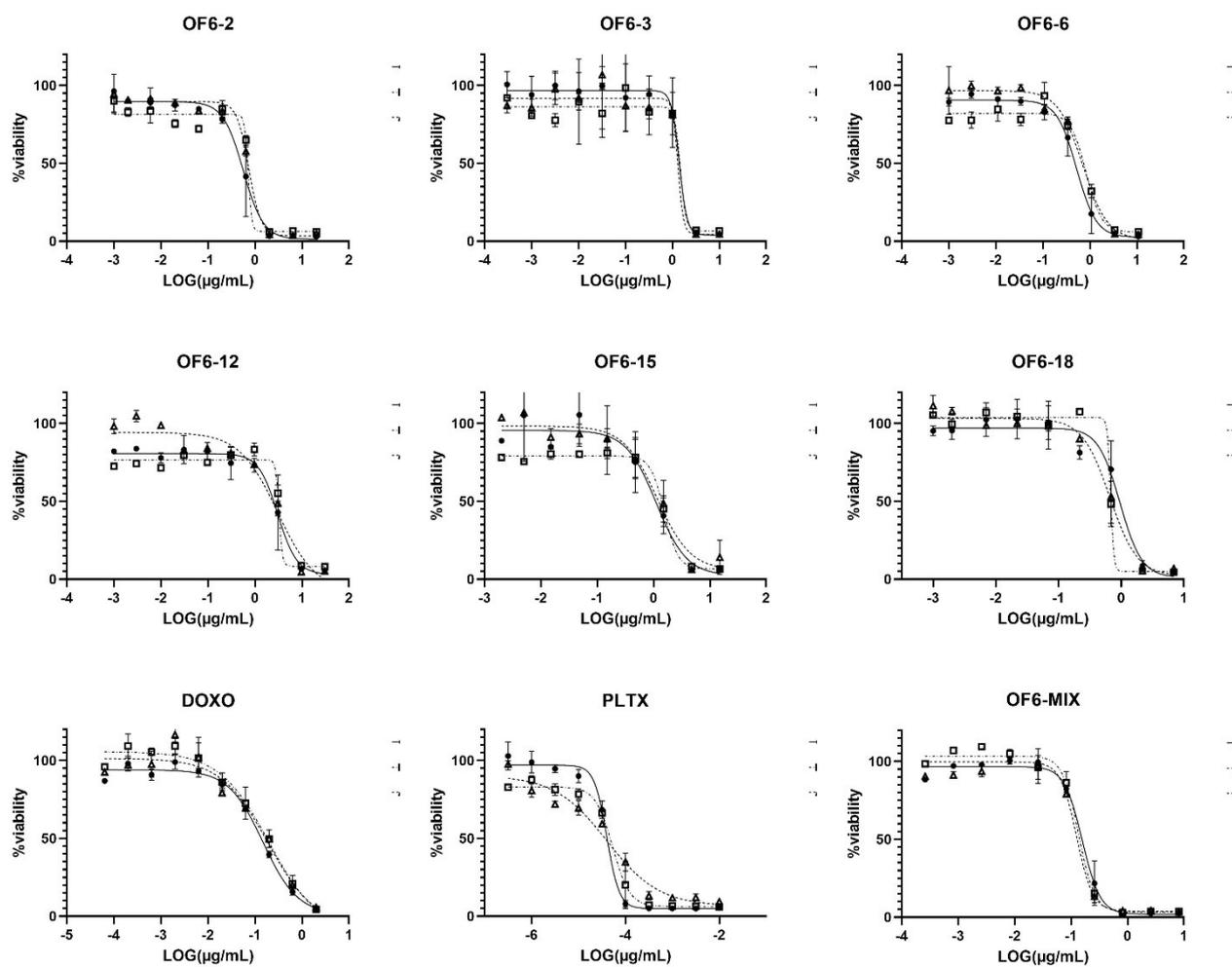


(A)



(B)

**Figure S1.** (A) Low-resolution mass spectra for the LGTX (top panel) and (B) the RVTX (bottom panel) acquired in the full scan positive mode.



**Figure S2.** Concentration-response curves for all purified fractions of OF6-2 to 6, LGTX (top panel) and the OF12-18, RVTX (second panel), as well as their mixture (OF6-MIX), PLTX and doxorubicin (positive control) (bottom panel), concentrations expressed as weights/volume ( $\mu\text{g/mL}$ ). Curves were created using log(inhibitor) vs. response -- Variable slope (four parameters) function prepared in GraphPad 9.3.1.