

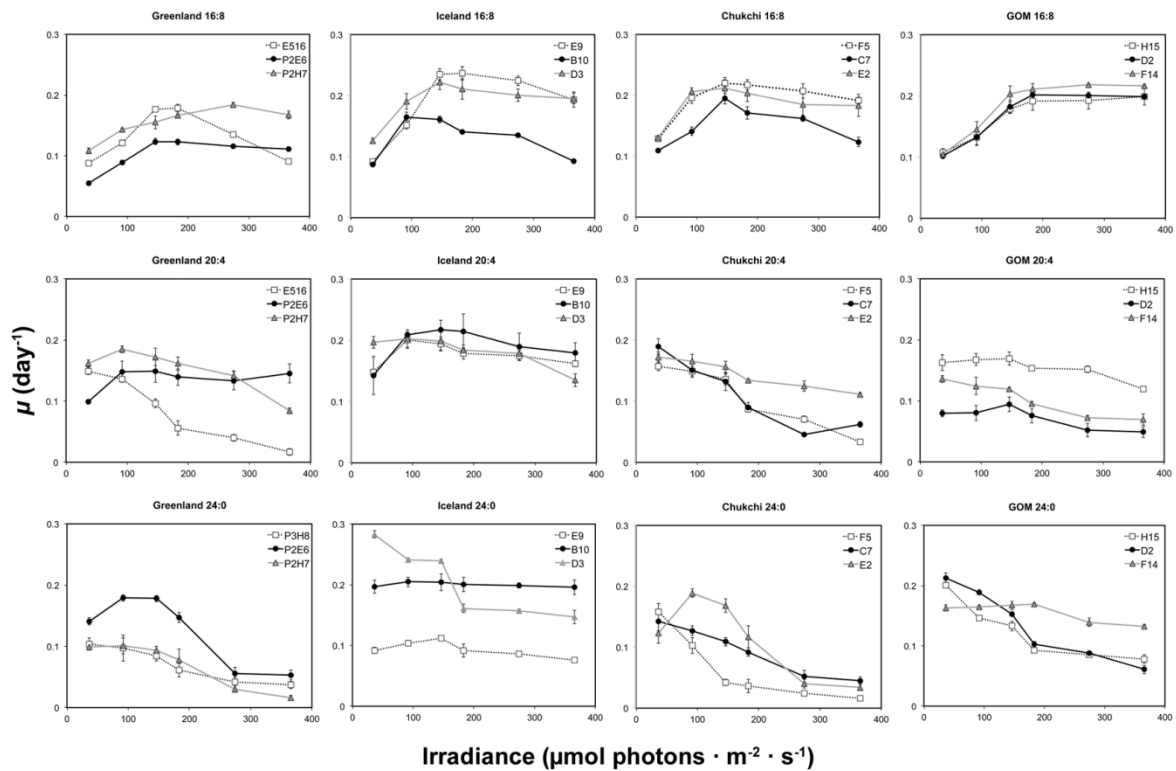
## Distribution of *Alexandrium fundyense* (Dinophyceae) cysts in Greenland and Iceland, with an emphasis on viability and growth in the Arctic

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**Fig. S1.** Growth rates ( $\mu$  [ $\text{day}^{-1}$ ]) of *Alexandrium fundyense* isolates from Greenland (n=3), Iceland (n=3), the Chukchi Sea (n=3), and the Gulf of Maine (n=3) in response to irradiance and photoperiod interval. Data from three different photoperiod intervals (L:D) are shown: 16h:8h (top row), 20h:4h (middle row), and 24h:0 (bottom row).



**Table S1.** Details regarding *Alexandrium fundyense* isolates used to characterize growth responses to light intensity and photoperiod interval.

<b>Isolate</b>	<b>Origin</b>	<b>Year</b>	<b>Isolation method</b>
E516	Disko Bay, Greenland	2012	Single cell from cyst germination
P2E6		2012	Single vegetative cell
P2H7		2012	
P3H8		2012	
E9	Arnarfjörður, Iceland	2012	Single cell from cyst germination
D3		2012	
B10	Breiðafjörður, Iceland	2012	Single cell from cyst germination
GOM H15	Gulf of Maine	2005	Single vegetative cell
GOM D2		2005	
GOM F14		2005	
F5	Chukchi	2013	Single cell from cyst germination
C7		2013	
E2		2013	