Table 2. Dinoflagellate gene copy numbers documented to date.

Gene	Species	Copy number per genome**	Reference
Actin*	*Amphidinium carterae*	≥113	[49]
Protein kinase gene	*Lingulodinium polyedrum*	~30	[50]
Form II Rubisco gene*	*Prorocentrum minimum*	148	[16]
Luciferase gene*	*Alexandrium affine*	60	[51]
	Alexandrium tamarense	126	[51]
	Lingulodinium polyedrum	146	[51]
	Pyrocystis fusiformis	44	[51]
	Pyrocystis lunula	160	[51]
	Pyrocystis noctiluca	110	[51]
	Protoceratium reticulatum	48	[51]
Luciferin-binding protein gene	*Lingulodinium polyedrum*	~1,000	[52]
Mitotic cyclin gene	*Lingulodinium polyedrum*	~5,000	[53]
Peridinin-chlorophyll *a* binding protein gene*	*Lingulodinium polyedrum*	~5,000	[54]
	Symbiodinium sp. 203	36	[55]
Proliferating cell nuclear antigen gene*	*Pfiesteria piscicida*	41	[17]

*arranged in tandem repeats.
**A. *carterae* actin copy number was based on cloning and sequencing (Figure 4 in [49]); all other gene copy numbers here were based on probe hybridization or quantitative PCR.
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