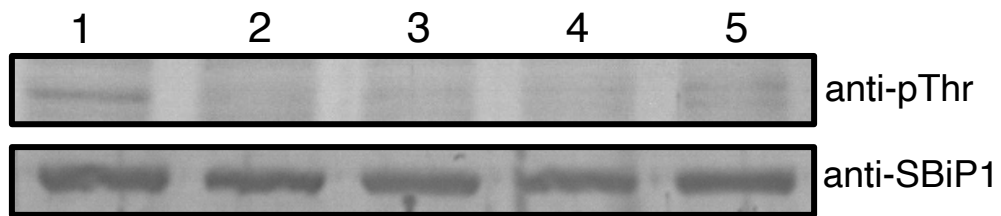


Supplementary Figure 1. Multiple sequence alignment of BiP ortholog sequences. Skav, *Fugacium kawagutii*; Smin, *Breviolum minutum*; SmicBiP, *Symbiodinium microadriaticum*; Spil, *Symbiodinium pilosum*; Tgon, *Toxoplasma gondii*; Cmur, *Cryptosporidium muris*; Atha, *Arabidopsis thaliana*; Pnal, *Plasmodium malariae*.



Supplementary Figure 2. High levels of Thr phosphorylation of SBiP1 under darkness are disrupted by a short-term high temperature treatment. Western blot analysis with anti-pThr antibodies of total extracts prepared from dark-adapted *Symbiodinium microadriaticum* cells incubated at 26°C (lane 1) followed by light exposure for 30 min (lane 2), or a 30 (lane 3), 60 (lane 4) or 240 min (lane 5) incubation at 32°C under continuous darkness. Both light (lane 2), and all short-term heat treatments under darkness (lanes 3-5) showed the expected decrease in SBiP1 Thr phosphorylation compared to untreated dark-adapted cells (lane 1).