Supplementals excel raw data tables and files

 **Assessment of the recovery and photosynthetic efficiency of *Breviolum psygmophilum* and *Effrenium voratum* (Symbiodiniaceae) following cryopreservation**

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**Legend**

**Excel table raw data S1**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 12 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S2**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 16 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S3**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 20 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S4**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 24 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S5**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 28 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S6**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 32 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S7**. An excel file showing tables with raw data from Pulse Amplitude Modulated (PAM) fluorometer used to calculate the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* during day 36 of the Pulse Amplitude Modulated fluorometry assessment tests.

**Excel table raw data S8**. An excel file showing a summary of the raw data from Pulse Amplitude Modulated (PAM) fluorometer for the maximum Electron Transport Rate (ETRmax) and quantum yield for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* for all the experimental days (day 12 - day 36) used for statistical analysis, generating bar plots, regression lines P- value tables.

**Excel table raw data S9**. An excel file showing tables with the raw data for the growth experiment for the control (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum*. This data was used to generate all the growth curves, estimate the maximum cell densities, maximum growth rates and for the statistical analysis of the Symbiodiniaceae isolates.