**Table S1**. P-values of the quantum yield between the controls (non-cryopreserved) and the cryopreserved isolates for *Breviolum psygmophilum* and *Effrenium voratum* separately during the Pulse Amplitude Modulated (PAM) fluorometry assessment tests. **Legend:** (**\*)** refers to the values that are significantly different (p-value <0.05).

|  |  |  |
| --- | --- | --- |
| **Culture isolate** | **Experimental days** | **p-values for the quantum between the yield (Fv/Fm) control and cryopreserved isolates** |
| *Breviolum psygmophilum* | **Day 12** | **0.0344** **\*** |
| **Day 16** | **0.0273** **\*** |
| **Day 20** | **0.0104** **\*** |
| **Day 24** | **0.0255 \*** |
| Day 28 | 1 |
| Day 32 | 0.1666 |
| Day 36 | 0.2858 |
| *Effrenium voratum* | Day 12 | 0.1887 |
| Day 16 | 0.1693 |
| **Day 20** | **0.0328** **\*** |
| Day 24 | 1 |
| Day 28 | 0.2888 |
| Day 32 | 0.3447 |
| Day 36 | 0.5038 |