**S2 Table.** **Average Cycle Threshold (Ct) values obtained for the RTPCR**

**I, RT-PCR II and RT-PCR in the algal cultures, the mock community and the eight PCR amplifications.**

|  |  |  |  |
| --- | --- | --- | --- |
| **DNA samples**  | **Ct values****RT-PCR I** | **Ct values****RT-PCR II** | **Ct values****RT-PCR** |
| *Trebouxia jamesii* | - |  - | 20 |
| *Trebouxia asymmetrica* | - |  - | 23 |
| Mock community (*T. jamesii* / *T. asymmetrica*) | - |  - | 21 |
| *Trebouxia* sp.TR9 | - |  - | 30 |
| *Ramalina farinacea* apical zone (A)  | 23 | 7 | - |
| *Ramalina farinacea* middle zone (M)  | 25 | 6 | - |
| *Ramalina farinacea* basal zone (B)  | 28 | 7 | - |
| *Ramalina farinacea* A+M+B | 21 | 6 | - |
| *Ramalina farinacea* A+M+B non ream | - |  - | 26 |
| *Ramalina farinacea* Random  | 20 | 10 | - |
| HW | 29 | 5 | - |
| HM | 29 | 5 | - |