**Table S1.** Richness (number of bands) and diversity (Shannon-Weiner index) of DGGE banding profiles of 16S rDNA from bacterial communities associated with *Tetraselmis suecica* F&M-M33*.* V1-V3, V3-V5 and V6-V8 indicate the 16s rDNA regions amplified by primer pairs employed in the analysis. The same microalgal strain was grown in different conditions, for a decade: LAB1 and LAB2 derive from the same maintenance culture sampled at two different time (autumn and winter respectively); SES is a culture grown in a GWP®-III photobioreactors; CAM is a culture obtained from a 0.5-l bubble tube, inoculated with a culture grown in a GWP®-I photobioreactor.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Culture** | **Richness index** | | |  | **Shannon-Weiner index** | | |
| **V1-V3a** | **V3-V5 a** | **V6-V8 a** |  | **V1-V3 a** | **V3-V5 a** | **V6-V8 a** |
| **LAB1** | 8 | 15 | 14 |  | 2.048 | 2.656 | 2.588 |
| **LAB2** | 14 | 16 | 15 |  | 2.615 | 2.756 | 2.649 |
| **CAM** | 11 | 13 | 19 |  | 2.368 | 2.504 | 2.891 |
| **SES** | 13 | 14 | 11 |  | 2.521 | 2.583 | 2.360 |

a 16S rRNA hypervariable regions targeted