

Figure S1. Fluorescence matrices of the four identified PARAFAC components (C1–C4) during the Masalpina 2010 circumnavigation. C1 is a combination of peaks A and C, C2 is peak M, C3 is peak T (tryptophan) and C4 is peak B (tyrosine). The excitation (solid pink lines) and emission (solid green lines) spectra of the four components are compared with the components (dotted grey lines) previously obtained during the Galathea 2006–07 expedition (Jørgensen et al., 2011).

