

Resource Summary Report

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Fixation of marine samples for flow cytometry sorting

DOI:10.17504/protocols.io.d2x8fm

Type: Protocol

Proper Citation

Daniel Vaultot 2015. Fixation of marine samples for flow cytometry sorting. protocols.io dx.doi.org/10.17504/protocols.io.d2x8fm

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.d2x8fm>

Authors: Daniel Vaultot

Group: Ecology of Marine Plankton (ECOMAP) team - Roscoff

Summary: Protocol to fix marine samples for flow cytometry sorting of phytoplankton. Fix at least 2 samples per depth sampled and at least 6 to 10 depths per vertical profile. Back to the laboratory, pico and nano-plankton populations can be sorted and used for clone library construction or metabarcoding with Next Generation Sequencing (e.g. Illumina).?? This was successfully tested on samples from a cruise off Brazil (unpublished data)ReferenceRibeiro C., Lopes A., Marie D., Vaultot D. Unpublished data

Affiliations: Station Biologique, Roscoff, France

Version: 1

Publication Date: 2015

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