



Version 2

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Sampling strategies and sample preservation Acropora V.2

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Works for me

dx.doi.org/10.17504/protocols.io.bec8jazw

Astrangia

Coral Genotyping Protocols

Iliana Baums

ABSTRACT

Protocol describes sampling strategies, perservation and shipping of Acropora samples for Applied Biosystems™ Axiom™ Coral Genotyping Array – 550961 (384f)
Applied Biosystems™ Axiom™ Coral Genotyping Array – 550962 (Mini 96)

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Kitchen SA, Von Kuster G, Vasquez Kuntz KL, Reich HG, Miller W, Griffin S, Fogarty ND, Baums IB (2020) STAGdb: a 30K SNP genotyping array and Science Gateway for Acropora corals and their dinoflagellate symbionts. bioRxiv 10.1101/2020.01.21.914424:2020.2001.2021.914424.
doi:10.1101/2020.01.21.914424.

ATTACHMENTS

Genetic sampling of
Acropora
SNPchip_18May20.doc

GUIDELINES

Please consult the word document for details on how to sample coral tissue for use of Applied Biosystems™ Axiom™ Coral Genotyping Array – 550961 (384f)
Applied Biosystems™ Axiom™ Coral Genotyping Array – 550962 (Mini 96)

BEFORE START

Please contact these providers to process your samples using the Axiom array:

Dawn Waltman
Genotyping Technical Sales Specialist
Microarray, Open Array and Agriseq
ThermoFisher Scientific
3450 Central Expressway/Santa Clara, CA 95051
(Cell) 410-688-0723
dawn.waltman@thermofisher.com

or

Farhad Ghavami, Ph.D.
Chief Scientific Officer (CSO)
Agrigenomics
Eurofins BioDiagnostics Inc.
507 Highland Dr.
River Falls, WI 54022
Tel: (715) 629-1938
Fax: (715) 426-0251

E-mail: farhadghavami@eurofinsus.com

MATERIALS TEXT

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SAFETY WARNINGS

Do not attempt to ship samples preserved in ethanol without proper training

Ethanol is flammable

Corals are listed under CITES and require permits for sampling and exporting

The Pennsylvania State University does not receive royalties or any other form of payment from Applied Biosystems for commercializing the genotyping array.