Resource Summary Report

Generated by dkNET on Sep 8, 2026

High-Throughput Beta-glucuronidase (GUS) assay for Phaeodactylum tricornutum

DOI:10.17504/protocols.io.bbexijfn
Type: Protocol

Proper Citation

Erin Garza, Vincent Bielinski 2020. High-Throughput Beta-glucuronidase (GUS) assay for Phaeodactylum tricornutum. protocols.io dx.doi.org/10.17504/protocols.io.bbexijfn

Protocol Information

URL: https://dx.doi.org/10.17504/protocols.io.bbexijfn

Authors: Erin Garza, Vincent Bielinski

Group: Protist Research to Optimize Tools in Genetics (PROT-G), JCVI West Protocols

Summary: A high-throughput method for measuring ?-glucuronidase (GUS) activity in the diatom Phaeodactylum tricornutum. This protocol has been optimized for 250 ?l volumes. For larger volumes see the following protocol dx.doi.org/10.17504/protocols.io.hefb3bn, which this protocol was based off of.

Affiliations: J. Craig Venter Institute, J. Craig Venter Institute, Synthetic Biology & Bioenergy Group

Version: 1

Publication Date: 2020

Proper Citation: Erin Garza, Vincent Bielinski 2020. High-Throughput Beta-glucuronidase (GUS) assay for Phaeodactylum tricornutum. protocols.io dx.doi.org/10.17504/protocols.io.bbexijfn

Record Creation Time: 20210329T220530+0000

Record Last Update: 20210329T220950+0000

Data and Source Information

Source: