

Plasmids for transformation of *Bigelowiella*, *Pyramimonas*, *Eutreptiella* and *Chromera*

Pavel Doležal and Vladimír Hampl

Abstract

In this protocol we publish the maps and sequences of specific plasmids designed for the transformation of *Bigelowiella natans*, *Pyramimonas parkeae*, *Eutreptiella gymnastica*, *Chromera velia* and *Pseudonitzschia delicatissima*. All these plasmids contain gene for firefly luciferase as a reporter, some of them contain PAC (puromycin) or G418 (neomycin) resistance gene. All genes are flanked by organism specific up- and downstream gene regions extracted from genomic and transcriptomic data. It should be noted that we were not successful in any transformation by these plasmids, but it does not mean that the problem is in the plasmids. All plasmids are available upon request. The plasmid maps and sequences can be downloaded as a word file from More/Material section of this protocol.

Citation: Pavel Doležal and Vladimír Hampl Plasmids for transformation of *Bigelowiella*, *Pyramimonas*, *Eutreptiella* and *Chromera*. **protocols.io**

dx.doi.org/10.17504/protocols.io.hh6b39e

Published: 06 Jun 2017

Protocol

Information on vectors used for transformation

Step 1.

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