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Bodo saltans transfection with plasmid for tagging EF1alpha gene__IG BsTub

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1 Works for me dx.doi.org/10.17504/protocols.io.7fchjiw

Protist Research to Optimize Tools in Genetics (PROT-G)



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ABSTRACT

Stable transfection of *B. saltans* has been achieved using plasmid for EF 1 alpha C terminal tagging.

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Bodo saltans cells were electroporated using a Square-wave electroporation (Nepa21) with a poring pulse of 250V (25 ms) and 5 transfer pulses of 60V (99 ms) in the presence of Cytomix buffer. Electroporated cells were selected with 3 µg/ml of G418, added 24 hours after electroporation. Cells were washed and subcultured into fresh selection medium every 3-4 days. G418 resistant cells started to emerge 7-9 days post-electroporation.

Plasmid map_EF1 gene
tagging_Bodo saltans.pdf

Bodo_saltans_Cassette for
tagging EF1 alpha
gene__IG BsTub_Final.txt



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