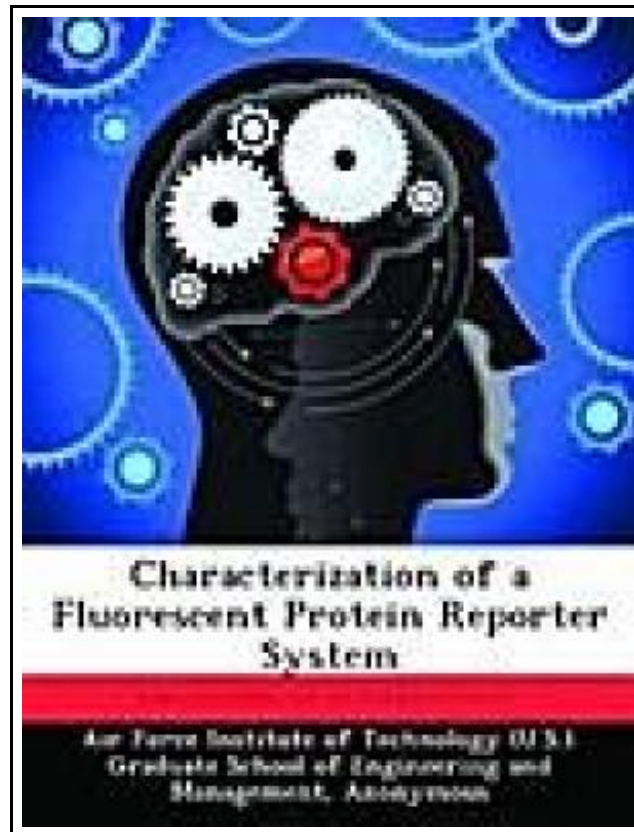


Characterization of a Fluorescent Protein Reporter System



Filesize: 5.85 MB

Reviews

Excellent eBook and useful one. it was actually writtern extremely perfectly and useful. You wont truly feel monotony at at any time of your time (that's what catalogues are for about when you question me).

(Zora Koch IV)

CHARACTERIZATION OF A FLUORESCENT PROTEIN REPORTER SYSTEM

[DOWNLOAD](#)

To get **Characterization of a Fluorescent Protein Reporter System** eBook, remember to click the link listed below and save the ebook or gain access to other information that are have conjunction with CHARACTERIZATION OF A FLUORESCENT PROTEIN REPORTER SYSTEM ebook.

Biblioscholar Sep 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x6 mm. This item is printed on demand - Print on Demand Neuware - Chemical and biological threats are ever present and attacks have occurred throughout the world in both war and peace-time. Multiple government agencies, academia, and private industry are developing detection capabilities to address such threats. The research presented in this paper supports development of a modular synthetic biologybased system that detects and reports the presence of a threat agent. Synthetic biology builds upon past research in genetic engineering and seeks to combine broad applications within biotechnology in novel ways. This basic research project will help to demonstrate a proof-of-concept design which will guide future studies on the development of a modular sensor platform. In this study, in vitro and in vivo techniques were used to evaluate a reporter system composed of the Tobacco Etch Virus (TEV) protease and an engineered fluorescent fusion protein for their combined effectiveness as a reporter system. The TEV protease demonstrated the ability to cleave the fusion protein construct to produce a measureable output signal. The coupling of this reporter system with a riboswitch recognition element showed that this system can be applied to detecting chemicals. Further studies to modify this recognition element suggest modularity for future biosensors to detect chemicals of military interest. 100 pp. Englisch.



[Read Characterization of a Fluorescent Protein Reporter System Online](#)

[Download PDF Characterization of a Fluorescent Protein Reporter System](#)

Related Books



[PDF] Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners

Click the hyperlink listed below to download "Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners" document.

[Save Document »](#)



[PDF] The Battle of Eastleigh, England U.S.N.A.F., 1918

Click the hyperlink listed below to download "The Battle of Eastleigh, England U.S.N.A.F., 1918" document.

[Save Document »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Click the hyperlink listed below to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." document.

[Save Document »](#)



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Click the hyperlink listed below to download "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers" document.

[Save Document »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Click the hyperlink listed below to download "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)" document.

[Save Document »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Click the hyperlink listed below to download "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)" document.

[Save Document »](#)