## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## INVESTIGATION OF A TYPE II-C CRISPR-CAS9 ON ITS SENSITIVITY TO THE EPIGENETIC STATE OF DNA SUBSTRATES

By

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A Thesis submitted to the
Department of Chemistry and Biochemistry
in partial fulfillment of the
requirements for the degree of
Master of Science

Ethan Samuel Wickline defended this thesis on July 1, 2021.

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