Computational Analysis of Codon Usage Bias, Single Nucleotide Polymorphism and RNA Secondary Structures in Microbial Genome Sequences

A thesis submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy

by

Piyali Sen

Enrollment No. CSP17001 Registration No. TZ189834 of 2018



Department of Computer Science and Engineering
School of Engineering, Tezpur University
Tezpur, Assam, India - 784028
November, 2022