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Computational Biology

Project Report

The goal of this project was to implement the cyclopeptide sequencing for an ideal
spectrum. I then also add the goal of reaching and implementing the leadership cyclopeptide
sequencing with an experimental spectrum as well.

The data was acquired from the Rosalind website. The data is just in the form of list
variable that is defined in my main function. This is the same for the leadership function. The
data is just in the form of list variable that is defined in my main function. The date I used for the
ideal spectrum was [0, 113, 128, 186, 241, 299, 314, 427]. The data I used as the experimental
spectrum was [0, 71, 113, 129, 147, 200, 218, 260, 313, 331, 347, 389, 460].

This is the pseudocode for the project, below this I go into detail of the high level steps I
have bolded the parts I talk about in the high level steps.

EADE B A DC C   E   IDE E   E CI G

E