Demo dataset and expected output.

Demo sequence same: “mc336”

Demo sequence:

"TTTATACTAACTTGAGCGAAACGGGAAGGGTTTTCACCGATATCACCGAAACGCGCGAGGCAGCTGTATGGCATGAAAGAGTTCTTCCCGGAAAACGCGGTGGAATATTTCGTTTCCTACTACGACTACTATCAGCCGGAAGCCTATGTACCGAGTTCCGACACTTTCATTGAGAAAGATGCCTCAGCTCTGTTACAGGTCACTAATACCATCTAAGTAGTTGATTCATAGTGACTGCATATGTTGTGTTTTACAGTATTATGTAGTCTGTTTTTTATGCAAAATCTAATTTAATATATTGATATTTATATCATTTTACGTTTCTCGTTCAGCTTT"

Example Output Case 1:

Individual Base Pair Step Deformability Values Bar Plot.

A black and white image of a sound wave

AI-generated content may be incorrect.

Example Output Case 2:

35-mer deformability score circular heatmap with bases 160–250 labeled with red.

A circular chart with numbers and a red and blue line

AI-generated content may be incorrect.