

MCDB 4550/5550
Molecular and Cellular Biophysics
Perkins
Assignment #9
Due Tuesday, April 16th at the end of class

1. Bring three (3) well thought out questions about the literature paper to class and hand them in.

Additional questions on the paper for you to answer.

- 1.1 Why is off target binding bad? How well is it predicted before this paper was published?
- 1.2 Explain how the authors infer that off target binding is sequence specific.
- 1.3 What are the mechanisms the authors speculate that lead to force-dependent off target binding?
- 1.4 What elements from this paper would lead to improved computational prediction of off target binding?