August 4, 2015

Dear Dr. Mak,

We wish to submit the enclosed revised manuscript entitled, "Entropy-scaling search of massive biological data," by Y. William Yu, Noah M. Daniels, David C. Danko, and myself to *Cell Systems* as an Article.

We thank you for the thoughtful edits and comments on our manuscript, and we thank the anonymous referees for helping to improve this manuscript.

The manuscript has been seen and approved by all listed authors; no permissions or statements of personal communication are required.

Sincerely,

Bonnie Berger Professor of Applied Mathematics and Computer Science, MIT Faculty Member, Harvard-MIT Health Science and Technology Associate Member, Broad Institute of MIT and Harvard Affiliated Faculty, Harvard Medical School