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PUBLICATIONS

Kinney, N.A., Sharakhov, I.V. and Onufriev, A.V. Chromosome-nuclear envelope attachments prolong fractal chromosome folding (submitted)

Kinney, N.A., Sharakhov, I.V. and Onufriev, A.V. (2014) Investigation of the chromosome regions with significant affinity for the nuclear envelope in fruit fly - a model based approach. *PloS one*, 9, e91943.

Timoshevskiy, V.A., Kinney, N.A., DeBruyn, B.S., Mao, C., Tu, Z., Severson, D.W., Sharakhov, I.V. and Sharakhova, M.V. (2014) Genomic composition and evolution of *Aedes aegypti* chromosomes revealed by the analysis of physically mapped supercontigs. *BMC biology*, 12, 27.

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Naumenko AN, Timoshevskiy VA, Kinney NA, Kokhanenko AA, DeBruyn BS, Lovin DD, et al. (2015) Mitotic-chromosome-based physical mapping of the *Culex quinquefasciatus* genome. *PLoS One*, 10, e0115737.