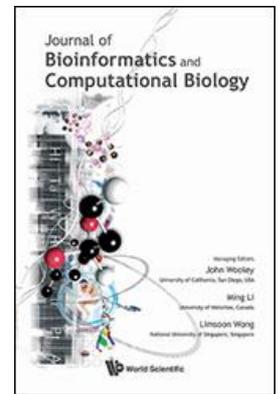


# **Journal of Bioinformatics and Computational Biology**

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*Mikhail Gelfand*

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#### **Chromosome evolution in malaria mosquitoes inferred from physically mapped genome assemblies**

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*Anastasia S. Kalinina, Alexandra L. Suvorikova, Vladimir G. Spokoyny, Mikhail S. Gelfand*

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#### **Search for conserved amino acid residues of the $\alpha$ -crystallin proteins of vertebrates**

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#### **Sequential construction of a model for modular gene expression control, applied to spatial patterning of the *Drosophila* gene *hunchback***

*Alexander V. Spirov, Ekaterina M. Myasnikova, David M. Holloway*

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**Parallel workflow manager for non-parallel bioinformatic applications to solve large-scale biological problems on a supercomputer**

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**Meta-analysis of transcriptome data identified TGTCNN motif variants associated with the response to plant hormone auxin in *Arabidopsis thaliana* L.**

*Elena V. Zemlyanskaya, Daniil S. Wiebe, Nadezhda A. Omelyanchuk, Victor G. Levitsky, Victoria V. Mironova*

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