

Сведения о ведущей организации

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Список основных публикаций работников организации по теме диссертации за последние 5 лет (не более 15)	1. Pronina IV, Loginov VI, Burdennyu AM, Fridman MV, Kazubskaya TP, Dmitriev AA, et al. Expression and DNA methylation alterations of seven cancer-associated 3p genes and their predicted regulator miRNAs (miR-129-2, miR-9-1) in breast and ovarian cancers. Gene. 2016;576: 483–491. 2. Hill SM, Heiser LM, Cokelaer T, Unger M, Nesser NK, Carlin DE, et al. Inferring causal molecular networks: empirical assessment through a community-based effort. Nature methods. 2016;13: 310–318. 3. Fertig EJ, Ozawa H, Thakar M, Howard JD, Kagohara LT, Krigsfeld G, et al. CoGAPS matrix factorization algorithm identifies transcriptional changes in AP-2alpha target genes in feedback from therapeutic inhibition of the EGFR network. Oncotarget. 2016;7: 73845–73864. 4. Vorontsov IE, Khimulya G, Lukianova EN, Nikolaeva DD, Eliseeva IA, Kulakovskiy IV, et al. Negative selection maintains transcription factor binding motifs in human cancer. BMC Genomics. 2016;17: 395. 5. Kulakovskiy IV, Vorontsov IE, Yevshin IS, Soboleva AV, Kasianov AS, Ashoor H, et al. HOCOMOCO: expansion and enhancement of the collection of transcription factor binding sites models. Nucl Acids Res. 2016;44: D116–D125. 6. Panchin AY, Makeev VJ, Medvedeva YA. Preservation of methylated CpG dinucleotides in human CpG islands.

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15. Vorontsov IE, Kulakovskiy IV, Makeev VJ. Jaccard index based similarity measure to compare transcription factor binding site models. *Algorithms for Molecular Biology.* 2013;8: 23.