

Publications

All publications

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1. Gossmann, T. I., & Waxman, D. (2022). Correcting bias in allele frequency estimates due to an observation threshold: A markov chain analysis. *Genome Biology and Evolution*, 14(4). <https://doi.org/10.1093/gbe/evac047>
2. Mavreas, K., Gossmann, T. I., & Waxman, D. (2022). Loss and fixation of strongly favoured new variants: Understanding and extending haldane's result via the wright-fisher model. *Biosystems*, 221, 104759. <https://doi.org/10.1016/j.biosystems.2022.104759>
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7. Strømland, Øyvind, Kallio, J. P., Pschibul, A., Skoge, R. H., Harardóttir, H. M., Sverkel, L. J., Heinekamp, T., Knemeyer, O., Migaud, M., Makarov, M. V., Toni I. Gossmann, Brakhage, A. A., & Ziegler, M. (2021). Discovery of fungal surface NADases predominantly present in pathogenic species. *Nature Communications*, 12(1). <https://doi.org/10.1038/s41467-021-21307-z>
8. Waterman, J. M., Gossmann, T. I., Brandler, O., & Koprowski, J. L. (2021). *Editorial: Ecological, behavioral and genomic consequences in the rodent family sciuridae: Why are squirrels so diverse?* 9. <https://doi.org/10.3389/fevo.2021.765558>
9. Yusuf, L., Heatley, M. C., Palmer, J. P. G., Barton, H. J., Cooney, C. R., & Toni I. Gossmann. (2020). Noncoding regions underpin avian bill shape diversification at macroevolutionary scales. *Genome Research*. <https://doi.org/10.1101/gr.255752.119>
10. Toni I. Gossmann, & Ralser, M. (2020). *Marmota marmota*. *Trends in Genetics*. <https://doi.org/10.1016/j.tig.2020.01.006>
11. Bockwoldt, M., Houry, D., Niere, M., Gossmann, Toni I., Reinartz, I., Schug, A., Ziegler, M., & Heiland, I. (2019). Identification of evolutionary and kinetic drivers of NAD-dependent signaling. *Proceedings of the National Academy of Sciences of the United States of America*. <https://doi.org/10.1073/pnas.1902346116>
12. Hildebrand, F., Moitinho-Silva, L., Blasche, S., Jahn, M. T., Toni I Gossmann, Huerta-Cepas, J., Hercog, R., Luetge, M., Bahram, M., Prysizlak, A., Alves, R. J., Waszak, S. M., Zhu, A., Ye, L., Costea, P. I., Aalvink, S., Belzer, C., Forslund, S. K., Sunagawa, S., ... Bork, P. (2019). Antibiotics-induced monodominance of a novel gut bacterial order. *Gut*, gutjnl-2018-317715. <https://doi.org/10.1136/gutjnl-2018-317715>
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