

Projekta Izp-2020/2-0373 rezultāti

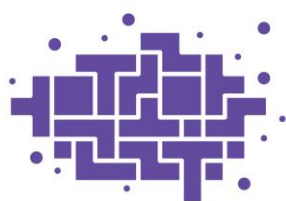
No kukaiņu zarnu trakta mikrofloras izolētu DNS bakteriofāgu raksturošana

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. Zrelavs, N.; Dislers, A.; Kazaks, A. Genome characterization of nocturne116, novel lactococcus lactis-infecting phage isolated from moth. - *Microorg.*, 2021, 9 (7), <https://doi.org/10.3390/microorganisms9071540>
2. Zrelavs, N.; Jansons, J.; Dislers, A.; Kazaks, A. Morganelle Phage Mecenats66 Utilizes an Evolutionarily Distinct Subtype of Headful Genome Packaging with a Preferred Packaging Initiation Site. - *Microorg.*, 2022, 10 (9), <https://doi.org/10.3390/microorganisms10091799>
3. Zrelavs, N.; Jansons, J.; Kazaka, T.; Kazaks, A.; Dislers, A. Three Phages One Host: Isolation and Characterization of Pantoea agglomerans Phages from a Grasshopper Specimen. - *Int. J. Mol. Sci.*, 2023, 24 (3), <https://doi.org/10.3390/ijms24031820>

Zinātniskās datubāzes un datu kopas, kas izstrādātas projekta ietvaros:

1. Andris Dislers, Nikita Zrelavs, Andris Kazaks. 10x "Complete genome of phage X", where "X" is Pocis76; Nocturne116; Nifs112; Nufs112; Nafs113; Pocitis76; Mecenats66; Virsaitis27; Sarma103; Gungnir39. "The International Nucleotide Sequence Database Collaboration (INSDC)" through GenBank. Public biological sequence repository accession numbers of ten annotated complete genome sequences of insect-associated phages characterized during this project: MW689258; MW791312; OK570184; OK570185; OK570186; OL512804; OL614104; OL770309; OL856139; OL944604. [Home - Nucleotide - NCBI \(nih.gov\)](https://www.ncbi.nlm.nih.gov)



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PROJEKTI