

□ **Comparing PCR-generated artifacts of different polymerases for improved accuracy of DNA metabarcoding**

Nagai, Satoshi; **Sildever, Sirje**; Nishi, Noriko *Metabarcoding and metagenomics* 2022 / art. e77704

<https://doi.org/10.3897/mbmg.6.77704> [Journal metrics at Scopus](#) [Article at Scopus](#)

Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR

Yarimizu, Kyoko; **Sildever, Sirje**; Hamamoto, Yoko; Tazawa, Satoshi; Oikawa, Hiroshi; Yamaguchi, Haruo; Basti, Leila; Mardones, Jorge I.; Paredes-Mella, Javier; Nagai, Satoshi *Harmful Algae* 2021 / art. 102008, 13 p. : ill <https://doi.org/10.1016/j.hal.2021.102008>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The draft genome sequences of the cosmopolitan centric diatom, the genus *Skeletonema*

Nagai, Satoshi; Minei, Ryuhei; Takemura, Ikuyo; Tabata, Hiromasa; Töpel, Mats; Pinder, Matthew; Kourtchenko, Olga; Lee-Kuo, Kang; Van Nguyen, Nguyen; **Sildever, Sirje** *Scientific data* 2025 / art. 1358 <https://doi.org/10.1038/s41597-025-05432-8>

Eight years of weekly eDNA monitoring in the North-Western Pacific

Sildever, Sirje; Nishi, Noriko; Tazawa, Satoshi; Kasai, Hiromi; Hirai, Junya; Shiimoto, Akihiro; Kikuchi, Tasei; Katakura, Seiji; Nagai, Satoshi *Environmental DNA* 2023 / p. 1202 - 1215 <https://doi.org/10.1002/edn3.452> [Journal metrics at Scopus](#) [Article at Scopus](#)

Growth and feeding behaviour of Mixotrophic *Dinophysis* species in laboratory cultures

Nagai, Satoshi; **Sildever, Sirje**; Suzuki, Toshiyuki; Nishitani, Goh; Basti, Leila; Kamiyama, Takashi *Dinoflagellates: classification, evolution, physiology and ecological significance* 2020 / p. 129-168 "[Dinoflagellates: classification, evolution, physiology and ecological significance](#)"

Growth, toxin content and production of *Dinophysis norvegica* in cultured strains isolated from Funka Bay (Japan)

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[Journal metrics at WOS](#) [Article at WOS](#)

Monitoring harmful microalgal species and their appearance in Tokyo Bay, Japan, using metabarcoding

Sildever, Sirje; Nishi, Noriko; Inaba, Nobuharu; Asakura, Taiga; Kikuchi, Jun; Asano, Yasuhito; Kobayashi, Takanori; Gojobori, Takashi; Nagai, Satoshi *Metabarcoding and metagenomics* 2022 / art. e79471 <https://doi.org/10.3897/mbmg.6.79471> [Journal metrics at Scopus](#) [Article at Scopus](#)

Monitoring of the toxic dinoflagellate *Alexandrium catenella* in Osaka Bay, Japan using a massively parallel sequencing (MPS)-based technique

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Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study

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Strain variability in toxin profiles and toxic potential of *Dinophysis fortii* populations from Southwestern and Northern Japanese coastal waters

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