

A set of ribosomal RNA gene copies in a single individual of *Ephydatia fluviatilis*

Karlep, L.; Aas, Nele; Salonen, S.; **Lopp, Annika; Reintamm, Tõnu; Kelve, Merike** VIII World Sponge Conference : Ancient Animals, new Challenges : Girona (Spain), 20-24 September 2010 : book of abstracts 2010 / p. 228

Cloning and expression of ATP N-glycosidase from the freshwater sponge *Ephydatia muelleri*

Reintamm, Tõnu; Vallmann, Kerli; Kolk, Kaidi; Päre, Mailis; Lopp, Annika; Aas-Valleriani, Nele; Kelve, Merike Biochimie 2019 / p. 126-129 <https://doi.org/10.1016/j.biochi.2018.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deoxynucleoside 5-monophosphate N-glycosidase from a phylogenetically distant metazoa, sponge

Aas-Valleriani, Nele; Reintamm, Tõnu; Kelve, Merike Biochimie 2018 / p. 113-118 : ill <https://doi.org/10.1016/j.biochi.2017.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of the 2'-5'-oligoadenylate synthetase family in Eukaryotes and Bacteria

Kjaer, Karina Hansen; Poulsen, Jesper Buchhave; **Reintamm, Tõnu; Saby, Emilie; Martesen, Pia Moeller; Kelve, Merike; Justesen,** Just Journal of molecular evolution 2009 / 6, p. 612-624 <https://www.proquest.com/openview/0fe0284ce650961a365d42300b2e597f/1?cbl=54027&pq-origsite=gscholar&parentSessionId=dz9k38w4a1zaAkRvUbi61rwVTwqEtV4qKOMQV6XmYsw%3D>

Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1

Reintamm, Tõnu; Aas-Valleriani, Nele; Kelve, Merike Gene 2019 / p. 1-11 <https://doi.org/10.1016/j.gene.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expressed 2-5A synthetase genes and pseudogenes in the marine sponge *Geodia barretti*

Vallmann, Kerli; Aas, Nele; Reintamm, Tõnu; Lopp, Annika; Kuusksalu, Anne; Kelve, Merike Gene 2011 / p. 42-49 : ill <https://www.sciencedirect.com/science/article/pii/S0378111911000163>

Freshwater sponges in Estonia : genetic and morphological identification

Roovere, Tiit; Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Richelle-Maurer, Evelyn; Kelve, Merike Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2006 / 3, p. 216-227 : ill

Identification of a novel member of 2H phosphoesterases, 2',5'-oligoadenylate degrading ribonuclease from the oyster *Crassostrea gigas*

Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Olsper, Allan; Kelve, Merike Biochimie 2019 / p. 181-195 : ill <https://doi.org/10.1016/j.biochi.2018.09.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interferon-induced 2',5'-oligoadenylate synthetases versus those from sponges, evolutionarily lowest multicellular animals

Kuusksalu, Anne; Lopp, Annika; Päre, Mailis; Reintamm, Tõnu; Kelve, Merike Cytokine 2009 / 1/2, p. 85-86 https://www.researchgate.net/publication/247349787_Interferon-induced_2'5'-oligoadenylate_synthetases_versus_those_from_sponges_evolutionarily_lowest_multicellular_animals

Intragenomic profiling using multicopy genes : the rDNA internal transcribed spacer sequences of the freshwater sponge *Ephydatia fluviatilis*

Karlep, Liisi; Reintamm, Tõnu; Kelve, Merike PLoS ONE 2013 / p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0066601> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Natural 2',5'-linked oligoribonucleotides from marine sponges

Lopp, Annika; Reintamm, Tõnu; Rapp, Hans Tore; Hoffmann, Friederike; Kelve, Merike 6th European Conference on Marine Natural Products : Porto, Portugal, 19-23 July 2009 : programme & abstracts book 2009 / ? p

Natural occurrence of 2',5'-linked heteronucleotides in marine sponges

Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Tammiste, Indrek; Pihlak, Arno; Kelve, Merike Marine drugs 2010 / 2, p. 235-254 <https://pubmed.ncbi.nlm.nih.gov/20390103/>

A novel endoribonuclease from the marine sponge *Tethya aurantium* specific to 2',5'-phosphodiester bonds

Lopp, Margus; Reintamm, Tõnu; Kuusksalu, Anne; Rosa, Salvatore, de; Kelve, Merike Biochimie 2012 / p. 1635-1646 : ill <https://doi.org/10.1016/j.biochi.2012.04.002> <https://www.sciencedirect.com/science/article/pii/S0300908412001368>

RNA interference-guided targeting of hepatitis C virus replication with antisense locked nucleic acid-based oligonucleotides containing 8-oxo-dG modifications

Mutso, Margit; Nikonov, Andrei; Pihlak, Arno; Žusinaite, Eva; Viru, Liane; Selyutina, Anastasia; **Reintamm, Tõnu; Kelve, Merike; Saarma, Mart; Karelson, Mati; Merits, Andres** PLoS ONE 2015 / p. 1-25 : ill <https://doi.org/10.1371/journal.pone.0128686> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sponge 2-5A synthetases form the distinct subgroup of the 2-5A synthetase family

Kuusksalu, Anne; Reintamm, Tõnu; Lopp, Annika; Päre, Mailis; Kelve, Merike VIII World Sponge Conference : Ancient Animals,

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Sponge OAS has a distinct genomic structure within the 2-5A synthetase family

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Synthesis of 2',5'-linked nucleotides by OAS from marine sponges

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