

Characterization of the oligoadenylate synthetase subgroup from phylum Porifera = Hõimkonna Porifera oligoadenülaadi süntetaaside alamrühma iseloomustamine

Päri, Mailis 2014 <https://digi.lib.ttu.ee/?1821> https://www.ester.ee/record=b4439680*est

Construction and characterization of a cDNA library from the marine sponge *Chondrosia reniformis*

Kuusksalu, Anne; Metsis, Madis; Reintamm, Tõnu; Kelve, Merike Porifera research - biodiversity, innovation and sustainability 2007 / p. 405-412

Enzymatically active 2',5'-oligoadenylate synthetases are widely distributed among Metazoa, including protostome lineage

Päri, Mailis; Kuusksalu, Anne; Lopp, Annika; Hansen Kjaer, Karina; Justesen, Just; Kelve, Merike Biochimie 2014 / p. 200-209 : ill <https://doi.org/10.1016/j.biochi.2013.10.015> [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>

Expression and activity of 2-5A synthetase in the course of differentiation and apoptosis of PC12 cells

Lopp, Annika; Kuusksalu, Anne; Samuel, Külli; Kelve, Merike Cytokine 2000 / p. 737-741

Expression and characterization of recombinant 2',5'-oligoadenylate synthetase from the marine sponge *Geodia cydonium*

Päri, Mailis; Kuusksalu, Anne; Lopp, Annika; Reintamm, Tõnu; Justesen, Just; Kelve, Merike FEBS journal 2007 / 13, p. 3462-3474

Expression and characterization of recombinant 2',5'-oligoadenylate synthetase from the marine sponge *Geodia cydonium*

Lopp, Annika; Päri, Mailis; Kuusksalu, Anne; Reintamm, Tõnu; Justesen, Just; Kelve, Merike Journal of interferon and cytokine research 2007 / 8, p. 719

Freshwater sponges in Estonia : genetic and morphological identification

Roovere, Tiiu; 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

Gene silencing in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Nigul, Lenne; Aader, Ants; Kuusksalu, Anne; Truve, Erkki 11th International Congress of Virology : Sydney, 1999 1999 / p. 163

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; Päri, 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

Modulation of (2'-5')oligoadenylate synthetase by environmental stress in the marine sponge *Geodia cydonium*

Kelve, Merike; Kuusksalu, Anne Modern aspects in monitoring of environmental pollution in the sea 1999 / p. 147-155

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>

Origin of the interferon-inducible (2'-5')oligoadenylate synthetase in vertebrates : cloning of the (2'-5') oligoadenylate synthetase from the marine sponge *Geodia cydonium*

Wiens, M.; Kuusksalu, Anne; Kelve, Merike; Müller, W.E.G. FEBS letters 1999 / p. 12-18 <https://www.sciencedirect.com/science/article/pii/S0014579399014787>

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

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

new Challenges : Girona (Spain), 20-24 September 2010 : book of abstracts 2010 / p. 239

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

Reintamm, Tõnu; Kuusksalu, Anne; Metsis, Madis; Päre, Mailis; Vallmann, Kerli; Lopp, Annika; Justesen, Just; Kelve, Merike

Molecular genetics and genomics 2008 / p. 453-466 : ill

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

Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Tammiste, Indrek; Pihlak, Arno; Kelve, Merike VIII World Sponge

Conference : Ancient Animals, new Challenges : Girona (Spain), 20-24 September 2010 : book of abstracts 2010 / p. 257

2-5A synthetase from the marine sponge *Geodia cydonium*

Kuusksalu, Anne 2003 http://www.ester.ee/record=b1782619*est

2-5A synthetase induction during PC12 cell death induced by serum starvation

Lopp, Annika; Kuusksalu, Anne; Samuel, Külli; **Kelve, Merike** Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 3, p. 109-118

2-5A system - existence and applications in plants

Nigul, Lenne; Aaspõllu, Anu; Aader, Ants; Kuusksalu, Anne; Truve, Erkki EMBO Workshop "Post-transcriptional Regulation of Gene Expression in Plants" : Leysin, 1999 1999 / p. cp1

(2'-5')-oligoadenylate synthetase in marine sponge : identification of its reaction products

Kuusksalu, Anne; Subbi, J.; **Pehk, Tõnis**; Reintamm, Tõnu; Müller, W.E.G.; **Kelve, Merike** European journal of biochemistry 1998 / p. 420-426

(2'-5')-oligoadenylate system in marine sponges

Kuusksalu, Anne; Subbi, J.; **Pehk, Tõnis**; Reintamm, Tõnu; **Kelve, Merike** European cytokine network 1998 / p. 326