Altered expression profile of igLON family of neural cell adhesion molecules in the dorsolateral prefrontal cortex of schizophrenic patients
Karis, Karina; Eskla, Kattri-Liis; Kaare, Maria; Täht, Karin; Tuusov, Jana; Visnapuu, Tanel; Innos, Jürgen; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2018 / art. 8 https://doi.org/10.3389/fnmol.2018.00008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of maize meiotic mutants to fix heterosis
Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 42
http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

Application of 13C and fluorescence labeling in metabolic studies of Saccharomyces spp
Nisamedtinov, Ildar 2006 https://digi.lib.ttu.ee/i/?91 https://www.ester.ee/record=b2195814*est

Author Correction: Analyses of non-coding somatic drivers in 2,658 cancer whole genomes (Nature, (2020), 578, 7793, (102-111), 10.1038/s41586-020-1965-x)
Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; Lin, Ziao; Feuerbach, Lars; Sabarinathan, Radhakrishnan; **Uusküla-Reimand, Liis** Nature 2023 / p. E40 https://doi.org/10.1038/s41586-022-05599-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3)
Yakneen, Sergei; Waszak, Sebastian M.; Aminou, Brice; Bartolome, Javier; Boroevich, Keith A.; Boyce, Rich; Brooks, Angela N.; Buchanan, Alex; Buchhalter, Ivo; Butler, Adam P.; Byrne, Niall J.; Cafferkey, Andy; **Uusküla-Reimand, Liis** Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3) 2023 / p. 577 https://doi.org/10.1038/s41587-022-01554-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing (Nature Genetics, (2020), 52, 3, (331-341), 10.1038/s41588-019-0576-7)
Cortés-Ciriano, Isidro; Lee, Jake June-Koo; Xi, Ruibin; Jain, Dhawal; Jung, Youngsook Lucy; Yang, Lixing; Gordenin, Dmitry A.; Klimczak, Leszek J.; Zhang, Cheng-Zhong; Pellman, David S.; Akdemir, Kadir Caner; Alvarez, Eva Garcia; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1076 https://doi.org/10.1038/s41588-023-01315-z Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)
Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; Weinstein, John N.; Xu, Yanxun; Han, Leng; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 892 https://doi.org/10.1038/s41588-020-0629-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)
Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; Weinstein, John N.; Xu, Yanxun; Han, Leng; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1078 https://doi.org/10.1038/s41588-023-01317-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer (Nature Genetics, (2020), 52, 3, (294-305), 10.1038/s41588-019-0564-y)
Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhim, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; Akdemir, Kadir Caner; Alvarez, Eva Garcia; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1079 https://doi.org/10.1038/s41588-023-01318-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Genomic basis for RNA alterations in cancer (Nature, (2020), 578, 7793, (129-136), 10.1038/s41586-020-1970-0)
Calabrese, Claudia; Davidson, Natalie R.; Demircioğlu, Deniz; Fonseca, Nuno A.; He, Yao; Kahles, André; Lehmann, Kjong-Van; Liu, Fenglin; Shiraishi, Yuichi; Soulette, Cameron M.; Urban, Lara; Shiraishi, Yuichi; **Uusküla-Reimand, Liis** Nature 2023 / p. E37 https://doi.org/10.1038/s41586-022-05596-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Genomic footprints of activated telomere maintenance mechanisms in cancer (Nature Communications, (2020), 11, 1, (733), 10.1038/s41467-019-13824-9)
Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7574 https://doi.org/10.1038/s41467-022-32328-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations (Nature Communications, (2020), 11, 1, (736), 10.1038/s41467-019-13885-w)
Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samirkumar B.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7572 https://doi.org/10.1038/s41467-022-32333-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Inferring structural variant cancer cell fraction (Nature Communications, (2020), 11, 1, (730), 10.1038/s41467-020-14351-8)
Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhim, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. n.r 7568 https://doi.org/10.1038/s41467-022-32338-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition (Nature Genetics, (2020), 52, 3, (306-319), 10.1038/s41588-019-0562-0)
Rodriguez-Martin, Bernardo; Alvarez, Eva Garcia; Baez-Ortega, Adrian; Zamora, Jorge; Supek, Fran; Demeulemeester, Jonas; Santamarina, Martin; Temes, Javier; Garcia-Souto, Daniel; Detering, Harald; Li, Yilong; Rodriguez-Castro, Jorge; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1080 https://doi.org/10.1038/s41588-023-01319-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Pan-cancer analysis of whole genomes (Nature, (2020), 578, 7793, (82-93), 10.1038/s41586-020-1969-6)
Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Agrawal, Nishant; Ahn, Keun Soo; Ahn, Sung-Min; Aikata, Hiroshi; Akbani, Rehan; Akdemir, Kadir Caner; Al-Ahmadie, Hikmat; **Uusküla-Reimand, Liis** Nature 2023 / p. E39 https://doi.org/10.1038/s41586-022-05598-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Pathway and network analysis of more than 2500 whole cancer genomes (Nature Communications, (2020), 11, 1, (729), 10.1038/s41467-020-14367-0)
Reyna, Matthew A.; Haan, David; Paczkowska, Marta; Verbeke, Lieven P. C.; Vazquez, Miguel; Kahraman, Abdullah; Pulido-Tamayo, Sergio; Barenboim, Jonathan; Wadi, Lina; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7566 https://doi.org/10.1038/s41467-022-32334-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Patterns of somatic structural variation in human cancer genomes (Nature, (2020), 578, 7793, (112-121), 10.1038/s41586-019-1913-9)
Li, Yilong; Roberts, Nicola D.; Wala, Jeremiah A.; Shapira, Ofer; Schumacher, Steven E.; Kumar, Kiran; Khurana, Ekta; Waszak, Sebastian; Korbel, Jan O.; Haber, James E.; Imielinski, Marcin; Akdemir, Kadir Caner; **Uusküla-Reimand, Liis** Nature 2023 / p. E38 https://doi.org/10.1038/s41586-022-05597-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig (Nature Communications, (2020), 11, 1, (731), 10.1038/s41467-020-14352-7)
Rubanova, Yulia; Shi, Ruian; Harrigan, Caitlin F.; Li, Roujia; Wintersinger, Jeff; Sahin, Nil; Deshwar, Amit G.; Dentro, Stefan C.; Leshchiner, Ignaty; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7567 https://doi.org/10.1038/s41467-022-32336-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples (Nature Communications, (2020), 11, 1, (4748), 10.1038/s41467-020-18151-y)
Bailey, Matthew H.; Meyerson, William U.; Dursi, Lewis Jonathan; Wang, Liang-Bo; Dong, Guanlan; Liang, Wen-Wei; Weerasinghe, Amila; Li, Shantao; Li, Yize; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 6232 https://doi.org/10.1038/s41467-020-20128-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: The evolutionary history of 2,658 cancers (Nature, (2020), 578, 7793, (122-128), 10.1038/s41586-019-1907-7)
Gerstung, Moritz; Jolly, Clemency; Leshchiner, Ignaty; Dentro, Stefan C.; Gonzalez, Santiago; Rosebrock, Daniel; Mitchell, Thomas J.; Rubanova, Yulia; Anur, Pavana; Yu, Kaixian; Tarabichi, Maxime; Deshwar, Amit; **Uusküla-Reimand, Liis** Nature 2023 / p. E42 https://doi.org/10.1038/s41586-022-05601-4 Journal metrics at Scopus Article at Scopus

Author Correction: The landscape of viral associations in human cancers (Nature Genetics, (2020), 52, 3, (320-330), 10.1038/s41588-019-0558-9)
Zapatka, Marc; Borozan, Ivan; Brewer, Daniel S.; Iskar, Murat; Grundhoff, Adam; Alawi, Malik; Desai, Nikita; Sültmann, Holger; Moch, Holger; Cooper, Colin S.; Eils, Roland; Ferretti, Vincent; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1077 https://doi.org/10.1038/s41588-023-01316-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: The repertoire of mutational signatures in human cancer (Nature, (2020), 578, 7793, (94-101), 10.1038/s41586-020-1943-3)
Alexandrov, Ludmil B.; Kim, Jaegil; Haradhvala, Nicholas J.; Huang, Mi Ni; Tian Ng, Alvin Wei; Wu, Yang; Boot, Arnould; Covington, Kyle R.; Gordenin, Dmitry A.; Bergstrom, Erik N.; Islam, S. M. Ashiqul; **Uusküla-Reimand, Liis** Nature 2023 / p. E41 https://doi.org/10.1038/s41586-022-05600-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Blood pressure candidate genes in genome wide association data
Sõber, Siim; Eyheramendy, Susana; Org, Elin; **Viigimaa, Margus** Annual conference of the Institute of Molecular and Cell Biology and Estonian Biocentre : December 20th-21st 2010 : Tartu 2011

C/N ratio and carbon source-dependent lipid production profiling in Rhodotorula toruloides
Lopes, Helberth Júnnior Santos; **Bonturi, Nemailla**; Kerkhoven, Eduard Johannes; Miranda, Everson Alves; **Lahtvee, Petri-Jaan** Applied Microbiology and Biotechnology 2020 / p. 2639 - 2649 https://doi.org/10.1007/s00253-020-10386-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis
Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; **Uusküla-Reimand, Liis** Communications Biology 2020 / Art. nr. 56
https://doi.org/10.1038/s42003-019-0741-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cellular localization of cocksfoot mottle sobemovirus (CfMV) proteins
Truve, Erkki; **Meier, Merike**; Paves, Heiti; **Olspert, Allan**; Toomela, Raavo; Tamm, T. XIIth International Congress of Virology 2002 / p. 303

Characterization of the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe
Oja, Tatjana; Soovväli, Pille; Sõmera, Merike Archives of virology 2023 / art. 259 https://doi.org/10.1007/s00705-023-05890-8 Journal metrics at Scopus Article at Scopus

Cocksfoot mottle virus : the genome organisation and translational strategies
Tamm, Tiina 2000 http://www.ester.ee/record=b1060777*est

Combined burden and functional impact tests for cancer driver discovery using DriverPower
Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhayay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 734
https://doi.org/10.1038/s41467-019-13929-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of Tilletia indica pathogen of wheat
Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill https://doi.org/10.1038/s41598-019-44464-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Complete genome sequencing of the luminescent bacterium, vibrio qinghaiensis sp. Q67 using PacBio technology
Gong, Liang; Wu, Yu; Jian, Qijie; Yin, Chunxiao; **Gupta, Vijai Kumar**; Duan, Xuewu; Jiang, Yueming Scientific Data 2018 / art. 170205 https://doi.org/10.1038/sdata.2017.205 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing
Cortés-Ciriano, Isidro; Lee, Jake June-Koo; Xi, Ruibin; Jain, Dhawal; Jung, Youngsook Lucy; Yang, Lixing; Gordenin, Dmitry; Klimczak, Leszek J.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 331-341 https://doi.org/10.1038/s41588-019-0576-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive molecular characterization of mitochondrial genomes in human cancers
Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; Creighton, Chad J.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 342 - 352 https://doi.org/10.1038/s41588-019-0557-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Correction: Genome-wide meta-analysis identifies novel loci conferring risk of acne vulgaris
Teder-Laving, Maris; Kals, Mart; Reigo, Anu; **Ehin, Riin**; Objärtel, Telver; Vaht, Mariliis; Nikopensius, Tiit; Metspalu, Andres; Kingo, Külli European Journal of Human Genetics 2024 / art. 1192 https://doi.org/10.1038/s41431-023-01366-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CRISPR/Cas-mediated plant genome editing : outstanding challenges a decade after implementation
Cardi, Teodoro; Murovec, Jana; Bakhsh, Allah; Boniecka, Justyna; Bruegmann, Tobias; Bull, Simon E.; Eeckhaut, Tom; Fladung, Matthias; Galovic, Vladislava; Linkiewicz, Anna; Lukan, Tjaša; Mafra, Isabel; Michalski, Krzysztof; Kavas, Musa; Nicolia, Alessandro; Nowakowska, Justyna; Sagi, Laszlo; **Sarmiento Guerin, Maria Cecilia**; Yıldırım, Kubilay; Zlatkovic, Milica; Hensel, Goetz; Van Laere, Katrijn Trends in plant science 2023 / p. 1144-1165 https://doi.org/10.1016/j.tplants.2023.05.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer
Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhim, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 294 - 305

https://doi.org/10.1038/s41588-019-0564-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Draft genome sequence of a new pseudomonas sp. strain, ef1, associated with the psychrophilic Antarctic Ciliate Euplotes focardii
Ramasamy, Kesava Priyan; Telatin, Andrea; Mozzicafreddo, Matteo; Miceli, Cristina; Pucciarelli, Sandra Microbiology resource announcements 2019 / art. e00867-19, 2 p http://dx.doi.org/10.1128/MRA.00867-19

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

Evidence based study of blood pressure candidate genes using genome wide association data
Sõber, Siim; Eyheramendy, Susana; **Viigimaa, Margus** Annual Conference of Institute of Molecular and Cell Biology and Estonian Biocentre : 15.12.2009-16.12.2009 2009 / p. 77-78

Future opportunities for systematic AI support in healthcare
Bertl, Markus; **Piho, Gunnar**; **Draheim, Dirk**; **Ross, Peeter**; Pechmann, Ludwig; Bucciarelli, Nicholas; **Sharma, Rahul** Bridging the Gap Between AI and Reality : First International Conference, AISoLA 2023, Crete, Greece, October 23–28, 2023, Selected Papers 2024 / p. 203 - 224 https://doi.org/10.1007/978-3-031-73741-1_13 Conference Proceedings at Scopus Article at Scopus

gapFinisher : a reliable gap filling pipeline for SSPACE-LongRead scaffolder output
Kammonen, Juhana I.; **Smolander, Olli-Pekka**; Paulin, Lars PLoS ONE 2019 / art. e0216885, 21 p. : ill https://doi.org/10.1371/journal.pone.0216885 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function
Pattaro, Cristian; Teumer, Alexander; Gorski, Mathias; Chu, Audrey Y.; Li, Man; Mijatovic, Vladan; Garnaas, Maija; Tin, Adrienne; Sorice, Rossella; Li, Yong; **Viigimaa, Margus** Nature Communications 2016 / art. 10023 https://doi.org/10.1038/ncomms10023 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genome description of Phlebia radiata 79 with comparative genomics analysis on lignocellulose decomposition machinery of phlebioid fungi
Mäkinen, Mari; Kuuskeri, Jaana; Laine, Pia; **Smolander, Olli-Pekka** BMC genomics 2019 / art. 430, 22 p. : ill https://doi.org/10.1186/s12864-019-5817-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The genome organization of lucerne transient streak and turnip rosette sobemoviruses revisited
Sõmera, Merike; **Truve, Erkki** Archives of virology 2013 / p. 673-678 : ill https://doi.org/10.1007/s00705-012-1519-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genome-wide association analyses identify 18 new loci associated with serum urate concentrations
Köttgen, Anna; Albrecht, Eva; Teumer, Alexander; Vitart, Veronique; Krumsiek, Jan; Hundertmark, Claudia; Pistis, Giorgio; Ruggiero, Daniela; O'Seaghdha, Conall M.; Haller, Toomas; Yang, Qiong; Tanaka, Toshiko; **Viigimaa, Margus** Nature Genetics 2013 / p. 145 - 154 https://doi.org/10.1038/ng.2500 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genome-wide investigation of mRNA lifetime determinants in Escherichia coli cells cultured at different growth rates
Esquerré, Thomas; Moisan, Annick; Chiapello, Hélène; Arike, Liisa; **Vilu, Raivo**; Gaspin, Christine; Cocaign-Bousquet, Muriel; Girbal, Laurence BMC Genomics 2015 / art. 275 https://doi.org/10.1186/s12864-015-1482-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genome-wide meta-analysis identifies novel loci conferring risk of acne vulgaris
Teder-Laving, Maris; Kals, Mart; Reigo, Anu; **Ehin, Riin**; Objärtel, Telver; Vaht, Mariliis; Nikopensius, Tiit; Metspalu, Andres; Kingo, Külli European Journal of Human Genetics 2024 / p. 1136–1143 https://doi.org/10.1038/s41431-023-01326-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genomic alterations as independent prognostic factors to predict the type of lung cancer recurrence
Valter, A.; **Luhari, Laura**; Pisarev, Heti; Truumees, Birgit; Planken, A.; **Smolander, Olli-Pekka**; Oselin, K. Gene 2023 / art. 147690, 8 p. : ill https://doi.org/10.1016/j.gene.2023.147690 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genomic footprints of activated telomere maintenance mechanisms in cancer
Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 733, 13 p. ill https://doi.org/10.1038/s41467-019-13824-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genomic organization and gene functions of sobemoviruses
Meier, Merike; **Sarmiento Guerin, Maria Cecilia**; **Olspert, Allan**; **Paves, Heiti**; **Truve, Erkki** XIV International Congress of Virology : Istanbul, 10-15 August, 2008 2008 / p. 213-214

High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations
Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samirkumar B.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 736 https://doi.org/10.1038/s41467-019-13885-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Histone variant macroH2A1.1 Enhances nonhomologous end joining-dependent DNA double-strand-break repair and reprogramming efficiency of human iPSCs
Giallongo, Sebastiano; Řeháková, Daniela; Biagini, Tommaso; Lo Re, Oriana; Raina, Priyanka; Lochmanová, Gabriela; Zdráhal, Zbyněk; Resnick, Igor; **Pata, Pille**; **Pata, Illar**; Mistrík, Martin; De Magalhães, João Pedro; Mazza, Tommaso; Koutná, Irena; Vinciguerra, Manlio Stem Cells 2022 / p. 35 - 48 https://doi.org/10.1093/stmcls/sxab004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hypervariable region in human Na(+)-Ca(2+) exchanger (NCX1) intronic region is associated with cardiovascular traits
Kepp, Katrin; Org, Elin; **Viigimaa, Margus** Annual Conference of Institute of Molecular and Cell Biology and Estonian Biocentre : 15.12.2009-16.12.2009 2009 / p. 22-23

Identification and analysis of mtDNA genomes attributed to Finns reveal long-stagnant demographic trends obscured in the total diversity
Översti, Sanni; Onkamo, Päivi; **Stoljarova, Monika**; Budowle, Bruce; Sajantila, Antti; Palo, Jukka U. Scientific reports 2017 / art. 6193, 10 p. : ill https://doi.org/10.1038/s41598-017-05673-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Identification of the genome-linked protein in virions of Potato virus A, with comparison to other members in genus Potyvirus
Oruetxebarria, I.; Guo, D.; **Merits, Andres**; Mäkinen, K.; **Saarma, Mart**; Valkonen, J.P. Virus research 2001 / p. 103-112 https://www.sciencedirect.com/science/article/abs/pii/S0168170200002161

Improved chromosome level genome assembly of the Glanville fritillary butterfly (Melitaea cinxia) based on SMRT Sequencing and linkage map
Blande, Daniel; **Smolander, Olli-Pekka**; Ahola, Virpi bioRxiv 2020 / 32 p https://doi.org/10.1101/2020.11.03.364950

Improved chromosome-level genome assembly of the Glanville fritillary butterfly (Melitaea cinxia) integrating Pacific Biosciences long reads and a high-density linkage map
Smolander, Olli-Pekka; Blande, Daniel; Ahola, Virpi; Rastas, Pasi; Tanskanen, Jaakko; Kammonen, Juhana I.; Oostra, Vicencio; Pellegrini, Lorenzo; Ikonen, Suvi; Dallas, Tad GigaScience 2022 / art. giab097 https://doi.org/10.1093/gigascience/giab097 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improving abiotic stress tolerance of forage grasses - prospects of using genome editing
Sustek-Sanchez, Ferenz; Rognli, Odd Arne; Rostoks, Nils; **Sõmera, Merike**; Jaškune, Kristina; Kovi, Mallikarjuna Rao; Statkevičiute, Gražina; **Sarmiento Guerin, Maria Cecilia** Frontiers in plant science 2023 / art. 1127532 https://doi.org/10.3389/fpls.2023.1127532 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

In vitro recombinants of two nearly identical potyviral isolates express novel virulence and symptom phenotypes in plants
Paalme, Viiu; Gammelgard, E.; **Järvekülg, Lilian**; Valkonen, J.P. Journal of general virology 2004 / 3, p. 739-747 https://pubmed.ncbi.nlm.nih.gov/14993660/

Inferring structural variant cancer cell fraction
Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhim, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 730 https://doi.org/10.1038/s41467-020-14351-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Aricle at WOS

In-silico identification and characterization of wheat 4AL - Triticum militinae Introgression
Abrouk, Michael; **Jakobson, Irena**; **Järve, Kadri** XXII International Plant & Animal Genome Conference : January 10-14, 2014, San Diego, CA, USA : [abstracts] 2014 / p. P214

Kommentaar raportile „Genome Editing for Crop Improvement“ (Genoomi täppismuutmine põllukultuuri parendamiseks). ALLEA Symposium Report. October 2020
Sarmiento Guerin, Maria Cecilia Eesti Teaduste Akadeemia veebileht 2020 / 1 lk https://www.akadeemia.ee/wp-content/uploads/2020/12/kommentaar-final.pdf

The landscape of viral associations in human cancers
Zapatka, Marc; Borozan, Ivan; Brewer, Daniel S.; Iskar, Murat; Grundhoff, Adam; Alawi, Malik; Desai, Nikita; Sültmann, Holger; Moch, Holger; Cooper, Colin S.; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 320 - 330 https://doi.org/10.1038/s41588-019-0558-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lühikese DNA kordusjärjestuste analüüs eestlaste populatsioonis PowerPlexTM 16 abil
Lagemaa, Kadri; Aaspõllu, Anu; **Kelve, Merike** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 74-75

Massively parallel sequencing of human mitochondrial genome for forensic analysis = Inimese mitokondriaalse genoomi massiivselt paralleelne sekveneerimine forensiliseks analüüsiks
Stoljarova, Monika 2020 https://digikogu.taltech.ee/et/Item/980af58a-f034-43a6-83da-c404205bbd91

A meta-analysis of gene expression signatures of blood pressure and hypertension
Huan, Tianxiao; Esko, Tõnu; Peters, Marjolein J.; Pilling, Luke C.; Schramm, Katharina; Schurmann, Claudia; Chen, Brian H.; Liu, Chunyu; Joehanes, Roby; Johnson, Andrew D.; **Viigimaa, Margus** PLoS Genetics 2015 / art. e1005035
https://doi.org/10.1371/journal.pgen.1005035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

MikroRNA-d, nende geenid ja mõju geenide koguarvule genoomides
Truve, Erkki Pärandumise printsiip 2006 / lk. 37-38

Modulation of genetic associations with serum urate levels by body-mass-index in humans
Huffman, Jennifer E.; Albrecht, Eva; Teumer, Alexander; Mangino, Massimo; Kapur, Karen; Johnson, Toby; Kutalik, Zoltán; Pirastu, Nicola; Pistis, Giorgio; Lopez, Lorna M.; Haller, Toomas; Salo, Perttu; **Viigimaa, Margus** PLoS ONE 2015 / art. e0119752
https://doi.org/10.1371/journal.pone.0119752 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nõiatants genoomide "häkkimise" ümber
Laas, Peeter Studioosus 2012 / lk. 20-21 https://www.ester.ee/record=b1558644*est

Overview on sobemoviruses and a proposal for the creation of the family sobemoviridae
Sõmera, Merike; **Sarmiento Guerin, Maria Cecilia**; **Truve, Erkki** Viruses 2015 / p. 3076-3115 : ill https://doi.org/10.3390/v7062761 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Parsing apart the contributors of mitochondrial DNA mixtures with massively parallel sequencing data
Churchill, Jennifer D.; **Stoljarova, Monika**; King, Jonathan L.; Budowle, Bruce Forensic science international: genetics supplement series 2017 / p. e439-e441 https://doi.org/10.1016/j.fsigss.2017.09.145 Journal metrics at Scopus Article at Scopus

Polyprotein processing of Cocksfoot mottle sobemovirus
Uffert, Gabriela; **Sõmera, Merike**; **Sõber, Kärt**; **Kivisaar, Kätlin**; **Nummert, Grete**; **Valmsen, Karin**; **Truve, Erkki** International Union of Microbiological Societies Congresses : July 27 - August 1, 2014 : IUMS 2014 : abstracts 2014 / p. 211

Properties of VPg and coat protein of sobemoviruses = Sobemoviiruste VPg ja kattevalgu omadused
Olspert, Allan 2011 https://www.ester.ee/record=b2733154*est

Publisher Correction: Comprehensive molecular characterization of mitochondrial genomes in human cancers (Nature Genetics, (2020), 52, 3, (342-352), 10.1038/s41588-019-0557-x)
Yuan, Yuan; Ju, Young Seok; Kim, Youngwook; Li, Jun; Wang, Yumeng; Yoon, Christopher J.; Yang, Yang; Martincorena, Inigo; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 893 https://doi.org/10.1038/s41588-020-0587-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig
Rubanova, Yulia; Shi, Ruian; Harrigan, Caitlin F.; Li, Roujia; Wintersinger, Jeff; Sahin, Nil; Deshwar, Amit G.; Dentro, Stefan C.; Leshchiner, Ignaty; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 731 https://doi.org/10.1038/s41467-020-14352-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Red-brown pigmentation of acidipropionibacterium jensenii is tied to haemolytic activity and cyl-Like gene cluster
Smolander, Olli-Pekka; Deptula, Paulina; Loivamaa, Iida; Laine, Pia; Roberts, Richard J.; Piironen, Vieno; Paulin, Lars; Savijoki, Kirsi; Auvinen, Petri; Varmanen, Pekka Microorganisms 2019 / p. 15 p. : ill https://doi.org/10.3390/microorganisms7110512 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Regulator of G protein signalling 16 (RGS16) : functions in immunity and genomic location in an ancient MHC-related evolutionarily conserved synteny group = G valkude signaaliülekande regulaator 16 (RGS16) : osalus immuunvastuses ja genoomne asukoht ürgses MHC-seoselises evolutsiooniliselt konserveerunud sünteenses grupis
Suurväli, Jaanus 2014 https://www.ester.ee/record=b4439180*est

Retroelements in human disease
Kaer, Kristel; **Speek, Mart** Gene 2013 / p. 231-241 : ill https://doi.org/10.1016/j.gene.2013.01.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples
Bailey, Matthew H.; Meyerson, William U.; Dursi, Lewis Jonathan; Wang, Liang-Bo; Dong, Guanlan; Liang, Wen-Wei; Weerasinghe,

Amila; Li, Shantao; Kelso, Sean; **Vijay Raghavan, Krishnaswamy** Nature Communications 2020 / Art. nr. 4748 https://doi.org/10.1038/s41467-020-18151-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rickettsia spp. in rodent-attached ticks in Estonia and first evidence of spotted fever group Rickettsia species Candidatus Rickettsia uralica in Europe
Vikentjeva, Maria; Geller, Julia; Remm, Jaanus; Golovljova, Irina Parasites and vectors 2021 / art. 65., 9 p. : ill https://doi.org/10.1186/s13071-020-04564-7 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

RNA-binding activities of cocksfoot mottle sobemovirus proteins
Tamm, Tiina; **Truve, Erkki** Virus research 2000 / p. 197-207

Sequencing and biological characterization of historical cynosurus mottle virus isolates from Germany
Frei, Martin; **Sarmiento Guerin, Maria Cecilia**; **Kärblane, Kairi**; Niehl, Annette; **Sõmera, Merike** Archives of virology 2023 / art. 265 https://doi.org/10.1007/s00705-023-05893-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Silmatorkamatu DNA jupp võib kujutada võtit ajuhaiguste leevendamiseks
novaator.err.ee 2023 Silmatorkamatu DNA jupp võib kujutada võtit ajuhaiguste leevendamiseks Небольшой участок ДНК может стать ключом к лечению заболеваний мозга

Sobemovirus RNA linked to VPg over a threonine residue
Olspert, Allan; **Arike, Liisa**; **Peil, Lauri**; **Truve, Erkki** FEBS letters 2011 / p. 2979-2985 : ill https://pubmed.ncbi.nlm.nih.gov/21855544/

Sobemoviruses possess a common CfMV-like genomic organization
Meier, Merike; **Truve, Erkki** Archives of virology 2007 / 3, p. 635-640

Sobemoviruses possess a common genome organization and a highly modified VPg protein
Olspert, Allan; **Meier, Merike**; Peil, Lauri; **Truve, Erkki** Genetic Control of Plant Pathogenic Viruses and their Vectors : towards new Resistance Strategies : El Puerto de Santa Maria, 23-27 November 2008 2008 / p. 35

Sobemoviruses: genomic organization, potential for recombination and necessity of P1 in systemic infection = Sobemoviirused: genoomi organisatsioon, rekombinatsioonipotentsiaal ja valgu P1 vajalikkus süsteemseks infektsiooniks
Sõmera, Merike 2010 https://www.ester.ee/record=b2561127*est

Structural variations of T. militinae locus introgressed into wheat chromosome arm 4AL and conferring improved powdery mildew resistance
Kominkova, Eva; **Jakobson, Irena**; **Järve, Kadri**; **Peuša, Hilma**; Abrouk, Michael; **Timofejeva, Ljudmilla**; Doležel, Jaroslav; Valarik, Miroslav International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0896, p. [245] http://www.intlpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links

Suppression of infectious TMV genomes expressed in young transgenic tobacco plants
Siddiqui, Shahid Aslam; **Sarmiento Guerin, Maria Cecilia**; Valkonen, Suvi; **Truve, Erkki**; Lehto, Kirsi Molecular plant-microbe interactions 2007 / 12, p. 1489-1494 : ill https://apsjournals.apsnet.org/doi/pdf/10.1094/MPMI-20-12-1489

Suppressors of RNA silencing in plants = RNA vaigistamise supressorid taimedes
Sarmiento Guerin, Maria Cecilia 2008 https://www.ester.ee/record=b2367715*est

The Estonian genome project and economic development
Kattel, Rainer; Anton, Riivo Trames 2004 / 1/2, p. 106-128 : ill

The in silico identification and characterization of a bread wheat/Triticum militinae introgression line
Abrouk, Michael; Balcarkova, Barbora; Šimkova, Hana; **Jakobson, Irena**; **Timofejeva, Ljudmilla**; **Järve, Kadri** Plant biotechnology journal 2017 / p. 249-256 : ill https://doi.org/10.1111/pbi.12610 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The Nitrogen-Cycling Network of Bacterial Symbionts in the Sponge Spheciospongia vesparium
He, Liming; **Karlep, Liisi**; Li, Zhiyong The Journal of Ocean University of China 2021 / p. 999–1012 https://doi.org/10.1007/s11802-021-4530-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The rise and fall of the Estonian genome project
Kattel, Rainer; Suurna, Margit Studies in ethics, law and technology 2008 / 2, Article 4

Thermodynamics-based model-driven discovery of metabolic strategies in oleaginous yeast Rhodotorula toruloides
Reķena, Alina; Smith, Edward N.; Heinemann, Matthias; **Lahtvee, Petri-Jaan** Metabolic Engineering 15 (ME15) : conference proceedings 2023 / Art. 52 https://aiche.confex.com/aiche/me15/meetingapp.cgi/Paper/659438

The TIMELESS roles in genome stability and beyond
Vipat, Sameera Anant; **Moiseeva, Tatiana** Journal of molecular biology 2024 / art. 168206, 14 p. : ill
https://doi.org/10.1016/j.jmb.2023.168206 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Whole mitochondrial genome genetic diversity in an Estonian population sample
Stoljarova, Monika; King, Jonathan L.; Takahashi, Maiko; **Aaspõllu, Anu**; Budowle, Bruce International Journal of Legal Medicine 2016 / p. 67-71 https://doi.org/10.1007/s00414-015-1249-4 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS