

## **Alternative splicing and expression of human and mouse NFAT genes**

Vihma, Hanna; Pruunsild, Priit; Timmus, Tõnis Genomics 2008 / p. 279-291 : ill

[https://www.researchgate.net/publication/23145218\\_Alternative\\_splicing\\_and\\_expression\\_of\\_human\\_and\\_mouse\\_NFAT\\_genes](https://www.researchgate.net/publication/23145218_Alternative_splicing_and_expression_of_human_and_mouse_NFAT_genes)

**Alternative splicing of TAF4 : a dynamic switch between distinct cell functions = TAF4 alternatiivne splaising kui raku funktsioonide dünaamilise reguleerimise lülit**

Kazantseva, Jekaterina 2014 [https://www.esther.ee/record=b4437535\\*est](https://www.esther.ee/record=b4437535*est)

**Aluselise heeliks-ling-heeliks transkriptsionifaktori TCF4 ekspressooni vaigistamine RNA interferentsi meetodil**

Urb, Mari TTÜ üliõpilaste teadustööde konkursi kokkuvõtted : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 7

**AP-1 transcription factors mediate BDNF-positive feedback loop in cortical neurons**

Tuvikene, Jürgen; Pruunsild, Priit; Orav, Ester; Esveld, Eli-Eelika; Timmus, Tõnis Journal of neuroscience 2016 / p. 1290-1305 : ill <https://doi.org/10.1523/JNEUROSCI.3360-15.2016>

**Basic helix-loop-helix pioneer factors interact with the histone octamer to invade nucleosomes and generate nucleosome-depleted regions**

Donovan, Benjamin T.; Chen, Hengye; Eek, Priit; Meng, Zhiyuan; Jipa, Caroline; Tan, Song; Bai, Lu; Poirier, Michael G. Molecular cell 2023 / p. 1251-1263.e6 <https://doi.org/10.1016/j.molcel.2023.03.006>

**Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome**

Tamberg, Laura; Jaago, Mariliis; Säälik, Kristi; Sirp, Alex; Tuvikene, Jürgen; Šubina, Anastassia; Kiir, Carl Alexander; Nurm, Kaja; Sepp, Mari; Timmus, Tõnis; Palgi, Mari Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill <https://doi.org/10.1242/dmm.042747> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**An 840 kb distant upstream enhancer is a crucial regulator of catecholamine-dependent expression of the BDNF gene in astrocytes**

Avarlaid, Annela; Esveld, Eli-Eelika; Koppel, Indrek; Parkman, Annabel; Zhuravskaya, Anna; Makeyev, Eugene V.; Tuvikene, Jürgen; Timmus, Tõnis Glia 2023 <https://doi.org/10.1002/glia.24463>

**Forkhead transcription factor FOXO3a levels are increased in Huntington disease because of overactivated positive autoregulatory loop**

Kannike, Kaja; Sepp, Mari; Zuccato, Chiara; Cattaneo, Elena; Timmus, Tõnis Journal of biological chemistry 2014 / p. 32845-32857 : ill

**Functions of the basic helix-loop-helix transcription factor TCF4 in health and disease = Aluselise heeliks-ling-heeliks transkriptsionifaktori TCF4 funktsioonid ja seosed haigustega**

Sepp, Mari 2012

**Identification and structure-functional characterisation of the gene transcriptional repressor domain of human Gli proteins = Inimese Gli-valkude transkriptsionilise repressordomeeni määramine ja struktuurilis-funktsionaalne iseloomustus**

Tsanev, Robert 2014 [https://www.esther.ee/record=b4412583\\*est](https://www.esther.ee/record=b4412583*est)

**Identification, characterization and expression profiles of Fusarium udum stress-responsive WRKY transcription factors in Cajanus cajan under the influence of NaCl stress and Pseudomonas fluorescens OKC**

Kumar, Gagan; Bajpai, Raina; Sarkar, Ankita; Mishra, Raj Kumar; Gupta, Vijai Kumar; Singh, Harikesh B.; Sarma, Birinchi K. Scientific reports 2019 / art. 14344, 9 p. : ill <https://doi.org/10.1038/s41598-019-50696-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**The intellectual disability and schizophrenia associated transcription factor TCF4 is regulated by neuronal activity and protein kinase A**

Sepp, Mari; Vihma, Hanna; Nurm, Kaja; Urb, Mari; Page, Stephanie Cerceo; Roots, Kaisa; Hark, Anu; Maher, Brady J.; Pruunsild, Priit; Timmus, Tõnis Journal of neuroscience 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017>

**Molecular characterization of basic helix-loop-helix transcription factor TCF4 : from expression to function = Aluselise heeliks-ling-heeliks transkriptsioniteguri TCF4 ekspressooni ja funktsiooni kirjeldamine**

Sirp, Alex 2023 <https://doi.org/10.23658/taltech.25/2023> <https://digikogu.taltech.ee/et/item/67e0b91f-4c35-4eeb-aae4-5da8e859ae6e>  
[https://www.esther.ee/record=b5567490\\*est](https://www.esther.ee/record=b5567490*est)

**Neuronal activity-dependent transcription factors and regulation of human BDNF gene = Närvitatilusest sõltuvad transkriptsionifaktorid ja inimese BDNF geeni avaldumise regulatsioon**

Pruunsild, Priit 2010 [https://www.esther.ee/record=b2653637\\*est](https://www.esther.ee/record=b2653637*est)

**Neuronal expression of zinc finger transcription factor REST/NRSF/XBR gene**

Palm, Kaia; Belluardo, N.; **Metsis, Madis**; Timmus, Tõnis Journal of neuroscience 1998 / p. 1280-1296

**Protein kinase inhibitor SU6668 attenuates positive regulation of Gli proteins in cancer and multipotent progenitor cells**

Piirsoo, Alla; **Kasak, Lagle**; Kauts, Mari-Liis; Uusen, Piaa; Tints, Kairit; Loog, Mart; Neuman, Toomas; **Piirsoo, Marko** Biochimica et biophysica acta : molecular cell research 2014 / p. 703-714 : ill

**Regulation of different human NFAT isoforms by neuronal activity**

Vihma, Hanna; Luhakooder, Mirjam; Pruunsild, Priit; Timmus, Tõnis Journal of neurochemistry 2016 / p. 394-408 : ill  
<http://dx.doi.org/10.1111/jnc.13568>

**Regulation of NFAT transcription factors by neuronal activity = NFAT tran[s]kriptsioonitegurite närvitalitlusest sõltuv regulatsioon**

Vihma, Hanna 2018 <https://digi.lib.ttu.ee/i/?9924>

**Studies of the Drosophila basic helix-loop-helix transcription factor Daughterless and its mammalian homologue**

**Transcription factor 4 = Äädikakärbse aluselise heeliks-ling-heeliks transkriptsioonifaktori Daughterless ja tema imetaja homoloogi Transkriptsioonifaktor 4 uuringud**

Tamberg, Laura 2023 <https://doi.org/10.23658/taltech.44/2023> <https://digikogu.taltech.ee/et/item/111b86e4-abe4-47d5-8bca-af7503d4ca24>  
[https://www.esther.ee/record=b5573303\\*est](https://www.esther.ee/record=b5573303*est)

**Teadlased kasutavad äädikakärbset raskete ajuhraiguste uurimiseks [Võrguväljaanne]**

Palgi, Mari novaator.err.ee 2020 / fot [Teadlased kasutavad äädikakärbset raskete ajuhraiguste uurimiseks](#)

**The role of Sonic Hedgehog pathway in neuro- and tumorigenesis = Sonic Hedgehogi signaaliraja roll neurogeneesis ja vähi tekkes**

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**Tissue-specific and neural activity-regulated expression of human BDNF gene in BAC transgenic mice**

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**Transcription factors FOXO3 and TCF4 in Huntington's disease = Transkriptisoonifaktorid FOXO3 ja TCF4 Huntingtoni töves**

Nurm, Kaja 2021 [https://www.esther.ee/record=b5469637\\*est](https://www.esther.ee/record=b5469637*est) <https://digikogu.taltech.ee/et/item/07ffb222-9e0b-46ba-ace9-81f821b153a6>  
<https://doi.org/10.23658/taltech.55/2021>