

Alternative splicing and expression of human and mouse NFAT genes

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

https://www.researchgate.net/publication/23145218_Alternative_splicing_and_expression_of_human_and_mouse_NFAT_genes

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; Timmusk, Tõnis Journal of neuroscience 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017>

Isoform-specific reduction of the basic helix-Loop-helix transcription factor TCF4 levels in Huntington's disease

Nurm, Kaja; Sepp, Mari; Castany-Pladevall, Carla; Creus-Muncunill, Jordi; **Tuvikene, Jürgen; Sirp, Alex; Vihma, Hanna;** Blake, Derek J.; Perez-Navarro, Esther; **Timmusk, Tõnis** eNeuro 2021 / 53 p. : ill <https://doi.org/10.1523/ENEURO.0197-21.2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regulation of different human NFAT isoforms by neuronal activity

Vihma, Hanna; Luhakooder, Mirjam; Pruunsild, Priit; Timmusk, 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>

Rescue of behavioral and electrophysiological phenotypes in a Pitt-Hopkins syndrome mouse model by genetic restoration of Tcf4 expression

Kim, Hyojin; Gao, Eric B.; Draper, Adam; Berens, Noah C.; **Vihma, Hanna;** Zhang, Xinyuan; Higashi-Howard, Alexandra; Ritola, Kimberly D.; Simon, Jeremy M.; Kennedy, Andrew J.; Philpot, Benjamin D. eLife 2022 / art. e72290 <https://doi.org/10.7554/eLife.72290>

Sumoylation regulates the transcriptional activity of different human NFAT isoforms in neurons

Vihma, Hanna; Timmusk, Tõnis Neuroscience letters 2017 / p. 302-307 : ill <http://dx.doi.org/10.1016/j.neulet.2017.05.074>