

**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>

**Candidate cancer driver mutations in distal regulatory elements and long-range chromatin interaction networks**

Zhu, Helen; **Uusküla-Reimand, Liis**; Isaev, Keren; Wadi, Lina; Alizada, Azad; Shuai, Shimin; Huang, Vincent; Aduloso-Nwaobasi, Dike; Paczkowska, Marta; Abd-Rabbo, Diala; Ocsenas, Oliver; Liang, Minggao; Thompson, J. Drew; Li, Yao; Ruan, Luyao; Krassowski, Michal; Dzneladze, Irakli; Simpson, Jared T.; Lupien, Mathieu; Stein, Lincoln D.; Boutros, Paul C.; Wilson, Michael D.; Reimand, Jüri *Molecular Cell* 2020 / p. 1307-1321.e10 <https://doi.org/10.1016/j.molcel.2019.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dopamine crossreacts with adrenoreceptors in cortical astrocytes to induce BDNF expression, CREB signaling and morphological transformation**

**Koppel, Indrek; Jaanson, Kaur; Klasche, Airi; Tuvikene, Jürgen**; Tiirik, Tõnis; Pärn, Angela; **Timmusk, Tõnis** *GLIA* 2018 / p. 206-216 : ill <https://doi.org/10.1002/glia.23238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

**Novel transgenic models based on bacterial artificial chromosomes for studying BDNF gene regulation = Bakteriaalsetel kunstlikel kromosoomidel põhinevad transgeensed mudelid BDNF geeni regulatsiooni uurimiseks**

**Jaanson, Kaur** 2015 [https://www.ester.ee/record=b4494705\\*est](https://www.ester.ee/record=b4494705*est)

**The regulatory landscape of cells in the developing mouse cerebellum [Online resource]**

Sarropoulos, Ioannis; **Sepp, Mari**; Frömel, Robert; Leiss, Kevin; Trost, Nils *bioRxiv* 2021 / 55 p. : ill <https://doi.org/10.1101/2021.01.29.428632>

**Transcriptional mechanisms of BDNF gene regulation = BDNF geeni avaldumise transkriptsioonilised mehhanismid**

**Koppel, Indrek** 2013 [https://www.ester.ee/record=b3046255\\*est](https://www.ester.ee/record=b3046255*est)