

Karol Nowosad

Lista Publikacji

1. Nowosad K, Brouwer RWW, Odrzywolski A, Korporaal AL, Gielniewski B, Wojtaś B, van IJcken WFJ, Grosveld F, Huylebroeck D, Tylzanowski P. (2022). Identification of candidate enhancers controlling the transcriptome during the formation of interphalangeal joints. *Sci Rep*. Jul 27;12(1):12835. DOI: 10.1038/s41598-022-16951-4 Art
2. Poszewiecka B, Pienkowski VM, Nowosad K, Robin JD, Gogolewski K, Gambin A. (2022). TADeus2: a web server facilitating the clinical diagnosis by pathogenicity assessment of structural variations disarranging 3D chromatin structure. *Nucleic Acids Res*. May 7:gkac318. DOI: 10.1093/nar/gkac318 Art
3. Boltsis I*, Nowosad K*, Brouwer RWW, Tylzanowski P, van IJcken WFJ, Huylebroeck D, Grosveld F, Kolovos P. (2021). Low Input Targeted Chromatin Capture (Low-T2C). *Methods Mol Biol*. 2351:165-179. Równy wkład. DOI: 10.1007/978-1-0716-1597-3_9 Art
4. Birkhoff JC, Brouwer RWW, Kolovos P, Korporaal AL, Bermejo-Santos A, Boltsis I, Nowosad K, van den Hout MCGN, Grosveld FG, van IJcken WFJ, Huylebroeck D, Conidi A. (2020). Targeted chromatin conformation analysis identifies novel distal neural enhancers of ZEB2 in pluripotent stem cell differentiation. *Hum Mol Genet*. Aug 29;29(15):2535-2550. DOI: 10.1093/hmg/ddaa141 Art
5. Nowosad K, Hordyjewska-Kowalczyk E, Tylzanowski P. (2020). Mutations in gene regulatory elements linked to human limb malformations. *J Med Genet*. Jun;57(6):361-370. DOI: 10.1136/jmedgenet-2019-106369