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Lista publikacji

1. Tierney, J. A. *, Świrski, M.*, Tjeldnes, H., Mudge, J. M., Kufel, J., Whiffin, N., ... & Baranov, P. V. (2024). Ribosome decision graphs for the representation of eukaryotic RNA translation complexity. *Genome Research*, 34(4), 530-538.
2. Tierney, J.A. S.*, Świrski, M.*, Tjeldnes, H.*, Kiran, A. M., ... & Baranov, P. (2024) RiboSeq.Org: An Integrated Suite of Resources for Ribosome Profiling Data Analysis and Visualization. *Nucleic Acids Research* (przyjęty do druku 15.10.2024)
3. Monteuuis, G., Miścicka, A., Świrski, M., Zenad, L., Niemitalo, O., Wrobel, L., ... & Kufel, J. (2019). Non-canonical translation initiation in yeast generates a cryptic pool of mitochondrial proteins. *Nucleic acids research*, 47(11), 5777-5791.
4. Tjeldnes, H., Labun, K., Torres Cleuren, Y., Chyżyńska, K., Świrski, M., & Valen, E. (2021). ORFik: a comprehensive R toolkit for the analysis of translation. *BMC bioinformatics*, 22(1), 1-16.
5. Smirnova, A. M., Hronová, V., Mohammad, M. P., Herrmannová, A., Gunišová, S., Petráčková, D., Halada, P., Coufal, Š., Świrski, M., ... & Valášek, L. S. (2024). Stem-loop-induced ribosome queuing in the uORF2/ATF4 overlap fine-tunes stress-induced human ATF4 translational control. *Cell reports*, 43(4).