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Publications clés

Année de publication : 2021

Julien Jarroux, Dominika Foretek, Claire Bertrand, Marc Gabriel, Ugo Szachnowski, Zohra Saci, Shuling Guo, Arturo Londoño-Vallejo, Marina Pinskaya, Antonin Morillon (2021 May 7)

HOTAIR lncRNA promotes epithelial-mesenchymal transition by redistributing LSD1 at regulatory chromatin regions.

EMBO reports : e50193 : [DOI : 10.15252/embr.202050193](https://doi.org/10.15252/embr.202050193)

Année de publication : 2019

Maïté Courel, Yves Clément, Clémentine Bossevain, Dominika Foretek, Olivia Vidal Cruchez, Zhou Yi, Marianne Bénard, Marie-Noëlle Benassy, Michel Kress, Caroline Vindry, Michèle Ernoult-Lange, Christophe Antoniewski, Antonin Morillon, Patrick Brest, Arnaud Hubstenberger, Hugues Roest Crollius, Nancy Standart, Dominique Weil (2019 Dec 20)

GC content shapes mRNA storage and decay in human cells.

eLife : [DOI : 10.7554/eLife.49708](https://doi.org/10.7554/eLife.49708)

(2019 Nov 15)

Reference-free transcriptome exploration reveals novel RNAs for prostate cancer diagnosis.

Life Sci Alliance : [DOI : 10.26508/lsa.201900449](https://doi.org/10.26508/lsa.201900449)

Ugo Szachnowski, Sara Andus, Dominika Foretek, Antonin Morillon, Maxime Wery (2019 Aug 30)

Endogenous RNAi pathway evolutionarily shapes the destiny of the antisense

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(2019 May 1)

Long non-coding RNAs: towards urinary diagnosis for prostate cancer

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Transcription-dependent spreading of the Dal80 yeast GATA factor across the body of highly expressed genes.

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The anti-cancer drug 5-fluorouracil affects cell cycle regulators and potential regulatory long non-coding RNAs in yeast.

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Pinskaya M., Saci Z., Gallopin M., Nguyen N.H., Gabriel M., Firlej V., Describes M., de la Taille A., Londoño-Vallejo A., Allory Y., Gautheret D., Morillon A. (2019 Jan 1)

Blind exploration of the unreferenced transcriptome reveals novel RNAs for prostate cancer diagnosis

bioRxiv : [DOI : 10.1101/644104](https://doi.org/10.1101/644104)

Année de publication : 2018

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Expanding heterochromatin reveals discrete subtelomeric domains delimited by chromatin landscape transitions.

Genome research : [DOI : gr.236554.118](https://doi.org/10.1101/41118)

Maxime Wery, Camille Gautier, Marc Describes, Mayuko Yoda, Valérie Migeot, Damien Hermand, Antonin Morillon (2018 Jul 6)

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Native Elongating Transcript Sequencing reveals global anti-correlation between sense and antisense nascent transcription in fission yeast

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Marta Kwapisz, Myriam Ruault, Erwin van Dijk, Stephanie Gourvennec, Marc Describes, Angela Taddei and Antonin Morillon (2015 Jul 3)

Expression of Subtelomeric lncRNAs Links Telomeres Dynamics to RNA Decay in



S. cerevisiae

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Année de publication : 2014

Nicola Manfrini, Camilla Trovesi, Maxime Wery, Marina Martina, Daniele Cesena, Marc Describes, Antonin Morillon, Fabrizio d'Adda di Fagagna, Maria Pia Longhese (2014 Dec 19)

RNA-processing proteins regulate Mec1/ATR activation by promoting generation of RPA-coated ssDNA.

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Mathieu Tisseur, Marta Kwapisz, Antonin Morillon (2011 May 3)

Pervasive transcription - Lessons from yeast.

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