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Reports

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Xi Chen, Gayan Mirihana Arachchilage, and Ronald R. Breaker

Chemical enhancers of posttranscriptional gene silencing in *Arabidopsis*

Florence Jay, Maxime Vitel, Florian Brioudes, Mélissa Louis, Thomas Knobloch, and Olivier Voinnet

Articles

New insights into minor splicing—a transcriptomic analysis of cells derived from TALS patients

Audric Cologne, Clara Benoit-Pilven, Alicia Besson, Audrey Putoux, Amandine Campan-Fournier, Michael B. Bober, Christine E.M. De Die-Smulders, Aimee D.C. Paulussen, Lucile Pinson, Annick Toutain, Chaim M. Roifman, Anne-Louise Leutenegger, Sylvie Mazoyer, Patrick Edery, and Vincent Lacroix

Extensive profiling in *Arabidopsis* reveals abundant polysome-associated 24-nt small RNAs including AGO5-dependent pseudogene-derived siRNAs

Antonin Marchais, Clément Chevalier, and Olivier Voinnet

Editosome RNase III domain interactions are essential for editing and differ between life cycle stages in *Trypanosoma brucei*

Suzanne M. McDermott, Jason Carnes, and Kenneth Stuart

RNA and antisense oligonucleotide activators of human frataxin expression

Xiulong Shen, Sharon Beasley, Jennifer N. Putman, Yanjie Li, Thahza P. Prakash, Frank Rigo, Marek Napierala, and David R. Corey

Methods

RNAscope in situ hybridization-based method for detecting *DUX4* RNA expression in vitro

Gholamhossein Amini-Chermahini, Afrooz Rashnonejad, and Scott Q. Harper

Splintquant: a method for accurately quantifying circular RNA transcript abundance without reverse transcription bias

Vanessa Conn and Simon J. Conn