

## 1 Accepted

1. Analysis of alternative splicing during the combinatorial response to simultaneous copper and iron deficiency in Arabidopsis reveals differential events in genes involved in amino acid metabolism *Frontiers in Plant Science* (2022) **Mancini, E**, Garcia-Molina, A
2. ASpli: Integrative analysis of splicing landscapes through RNA-Seq assays *Bioinformatics* (2021) **Mancini, E**, Rabinovich, A, Iserte, J, Yanovsky, M, Chernomoretz, A
3. Global transcriptome analysis reveals circadian control of splicing events in Arabidopsis thaliana *The Plant Journal* (2020) Romanowski, A, Schlaen, G, Perez-Santangelo, S, **Mancini, E**, Yanovsky, M.
4. Improvement of alfalfa forage quality and management through the downregulation of MsFTa1 Plant Biotechnology (2019) Lorenzo, C, Garcia Gagliardi, P, Antonietti, M, Lamas, M, **Mancini, E**, Dezar, C, Vazquez, M, Watson, G, Yanovsky, M, Cerdán, P
5. Rhythmic Behavior Is Controlled by the SRm160 Splicing Factor in Drosophila melanogaster Genetics (2017) Beckwith, E, Hernando, C, Polcowñuk, S, Bertolin, A, **Mancini, E** Ceriani, M, Yanovsky M
6. SPF45-related splicing factor for phytochrome signaling promotes photomorphogenesis by regulating pre-mRNA splicing in Arabidopsis Proceedings of the National Academy of Sciences (2017) Xin, R., Zhu, L., Salomé, P., **Mancini, E**, Marshall, C., Harmon, F., Yanovsky, M., Weigel, D., Huq, E.
7. The Dengue Virus NS5 Protein Intrudes in the Cellular Spliceosome and Modulates Splicing PLOS Pathogens (2016) De Maio, F, Risso, G, Iglesias, G, Shah, P, Pozzi, B, Gebhard, L, Mammi, L, **Mancini, E**, Yanovsky, M, Andino, R, Krogan, N, Srebrow, A and Gamarnik, A
8. Combinatorial control of adhesion of Brucella abortus 2308 to host cells by transcriptional rewiring of the trimetric autotransporter btaE Molecular Microbiology (2016) Sieira, R., Ruiz-Ranwez, V., Bialer, M., Arocena, G., **Mancini, E.**, Zorreguieta, A
9. Acute effects of light on alternative splicing in light-grown plants Photochemistry and Photobiology (2015) **Mancini, E**, Sanchez, S, Romanowski, A, Schlaen, R, Sanchez-Lamas, M, Cerdan, P, Yanovsky, M
10. GEMIN2 attenuates the effects of temperature on alternative splicing and circadian rhythms in Arabidopsis thaliana Proceedings of the National Academy of Sciences (2015) Schlaen, R, **Mancini, E**, Sanchez, S, Perez-Santangelo, S, Rugnone, M, Simpson, C, Brown, J, Zhang, X, Chernomoretz, A, Yanovsky, M
11. Genome wide comparative analysis of the effects of PRMT5 and PRMT4/CARM1 arginine methyltransferases on the Arabidopsis thaliana transcriptome BMC Genomics (2015) Hernando, E, Sanchez, S, **Mancini, E**, Yanovsky M
12. A role for LSM genes in the regulation of circadian rhythms Proceedings of the National Academy of Sciences (2014) Perez Santángelo, S, **Mancini, E**, Francey, L, Schlaen, R, Chernomoretz, A, Hogenesch, J, Yanovsky M
13. Genome-wide annotation of the soybean WRKY family and functional characterization of genes involved in response to Phakopsora pachyrhizi infection BMC Plant Biology (2013) Bencke-Malato, M, Wiebke-Strohm, B, Bucker-Neto, L, **Mancini, E**, Osorio, M, Homrich, M, Turchetto-Zolet, A, De Carvalho, M, Stolf, R, Weber, R, Cabreira, C, Westergaard, G, Castagnaro, A, Abdelnoor, R, Marcelino-Guimaraes, F, Pinheiro-Margis, M, Bodanese-Zanettini, MH
14. LNK genes integrate light and clock signaling networks at the core of the Arabidopsis oscillator Proceedings of the National Academy of Sciences (2013) Rugnone M, Faigón Soverna A, Sánchez S, Schlaen R, Hernando C, Seymour D, **Mancini E**, Chernomoretz A, Weigel D, Más P, Yanovsky M
15. Diagnosis of mitochondrial disorders applying massive pyrosequencing Molecular Biology Reports (2012) Kauffman, M, González-Morón, D, Consalvo, D, Westergaard, G, Vázquez, M, **Mancini, E**, Taratuto, A, Rey, R, Kochen, S
16. Genome sequence of Sphingomonas sp. S17, isolated from an alkaline, hyperarsenic, and hypersaline volcano-associated lake at high altitude in the Argentinean Puna J Bacteriol. (2011) Farías M, Revale S, Ordoñez, O, **Mancini, E**, Turjanski A, Cortez N, Vázquez M

## 2 Other publications (not peer reviewed)

1. Second ISCB Latin American Student Council Symposium (LA-SCS) *F1000Research* (2017) Monzon, A, Hasenahuer, M, **Mancini, E**, Coimbra, N, Cravero, F, Cáceres-Molina, J, Ramírez-Sarmiento, C, Palopoli, N, Meysman, P, Parra, G

2. Highlights of the 1st Argentine Symposium of Young Bioinformatics Researchers (1SAJIB) organized by the ISCB RSG-Argentina *PeerJ* (2016) Parra, R, Defelipe, L, Guzovsky, A, Monzón, A, Cravero, F, **Mancini, E**, Moreyra, N, Padilla, L, Revuelta, M, Freiburger, M, Gonzalez, N, Gonzalez, G, Orts, F, Stocchi, N, Hasenahuer, M, Teppa, E, Zea, D, Palopoli, N

### 3 Under revision

1. Intron detention tightly regulates the stemness/differentiation switch in the adult neurogenic niche *Nature Neurosciences* (2021) González-Iglesias, A, Domingo-Muelas.A, Arcas, A, **Mancini, E**,Valcárcel, J, Farinas, I, Nieto, A
2. Aurora-A phosphorylates splicing factors and regulates alternative splicing *Nucleic Acids Research* (2020) Damodaran, A, Gavard, O, Gagné, JP; Rogalska, M, **Mancini, E**, Courtheoux, T, Cailloce, J, Méreau, A, Poirier, G,Valcarcel Juarez, J, Watrin, E, Prigent, C