

DAFTAR PUSTAKA

- Ahn, Il Pyung, Soonok Kim, Yong Hwan Lee, dan Seok Cheol Suh. 2007. Vitamin B1-Induced Priming Is Dependent on Hydrogen Peroxide and the NPR1 Gene in *Arabidopsis*. *Plant Physiology* **143** (2): 838–48.
- Aisyah, S.N., Maldoni, J., Sulastri, I., Suryati, W., Marlisa, Y., Herliana, L., Syukriani, L., Renfiyeni, R., dan Jamsari, J. 2019. Unraveling the Optimal Culture Condition for the Antifungal Activity and IAA Production of *Phylloplane Serratia plymuthica*. *Plant Pathology Journal* **18** (1): 31–38.
- Aisyah, S.N., Yani, R.H., Syafriani, E., Retmi, R., Sulastri, S., Syukriani, L., Fatchiyah, F., Bachtiar, A., dan Jamsari, A. 2017. Suppression of *Colletotrichum gloeosporioides* by Indigenous *Phyllobacterium* and its Compatibility with Rhizobacteria. *Asian Journal of Plant Pathology* **11**: 139–147.
- Ali, S., Mir, Z.A., Tyagi, A., Bhat, J.A., Chandrashekar, N., Papolu, P.K., Rawat, S., and Grover, A. 2017. Identification dan comparative analysis of *Brassica juncea* pathogenesis-related genes in response to hormonal, biotic and abiotic stresses. *Acta Physiologiae Plantarum* **39** (12): 1–15.
- Alizadeh, H., Behboudi, K., Ahmadzadeh, M., Javan-Nikkhah, M., Zamioudis, C., Pieterse, C.M.J., dan Bakker, P.A.H.M. 2013. Induced systemic resistance in cucumber and *Arabidopsis thaliana* by the combination of *Trichoderma harzianum* Tr6 and *Pseudomonas* sp. Ps14. *Biological Control* **65** (1): 14–23.
- Arya, M., Shergill, I.S., Williamson, M., Gommersall, L., Arya, N., dan Patel, H.R.H. 2005. Basic principles of real-time quantitative PCR. *Expert Review of Molecular Diagnostics* **5** (2): 209–219.
- Baren, J. Van, Salzberg, S.L., Wold, B.J., Pachter, L., Trapnell, C., Williams, B.A., Pertea, G., Mortazavi, A., Kwan, G., dan van Baren, M.J. 2010. Transcript assembly and quantification by RNA-Seq reveals unannotated transcripts and isoform switching during cell differentiation. *Nature biotechnology* **28** (5): 511–515.
- Beneduzi, A., Ambrosini, A., dan Passaglia, L.M.P. 2012. Plant growth-promoting rhizobacteria (PGPR): Their potential as antagonists and biocontrol agents. *Genetics and Molecular Biology* **35** (4): 1044–1051.
- Benjamini, Y., dan Speed, T.P. 2012. Summarizing and correcting the GC content bias in high-throughput sequencing. *Nucleic Acids Research* **40** (10): 1–14.

- Bosland, P.W., dan Votava, E.J. 2012. Peppers: Vegetable and Spice Capsicums. *Peppers: Vegetable and Spice Capsicums* **2**: 1–230.
- Bustin, S.A. 2000. Absolute quantification of mRNA using real-time reverse transcription polymerase chain reaction assays. *Journal of Molecular Endocrinology* **25**: 169–193.
- Choi, D.S., Hong, J.K., dan Hwang, B.K. 2013. Pepper osmotin-like protein 1 (CaOSM1) is an essential component for defense response, cell death, and oxidative burst in plants. *Planta* **238** (6): 1113–1124.
- Choudhary, D.K., Prakash, A., dan Johri, B.N. 2007. Induced systemic resistance (ISR) in plants: Mechanism of action. *Indian Journal of Microbiology* **47** (4): 289–297.
- Conesa, A., dan Stefan, G. 2008. Blast2GO: A Comprehensive Suite for Functional Analysis in Plant Genomics. *International Journal of Plant Genomics* **2008**: 1–12.
- Costa, L.V., Lopes, R., Lopes, M.T.G., De Figueiredo, A.F., Barros, W.S., dan Alves, S.R.M. 2009. Cross compatibility of domesticated hot pepper and cultivated sweet pepper. *Crop Breeding and Applied Biotechnology* **9** (1): 36–43.
- Dias, G.B., Gomes, V.M., Moraes, T.M.S., Zottich, U.P., Rabelo, G.R., Carvalho, A.O., Moulin, M., Gonçalves, L.S.A., Rodrigues, R., dan Da Cunha, M. 2012. Characterization of Capsicum species using anatomical and molecular data. *Genetics and Molecular Research* **12** (4): 6488–6501.
- Donderski, W., dan Trzebiatowska, M. 2000. Influence of Physical and Chemical Factors on the Activity of Chitinases Produced by Planktonic Bacteria Isolated from Jeziorak Lake. *Polish Journal of Environmental Studies* **9** (2): 77–82.
- Dragan, A.I., Pavlovic, R., McGivney, J.B., Casas-Finet, J.R., Bishop, E.S., Strouse, R.J., Schenerman, M.A., dan Geddes, C.D. 2012. SYBR Green I: Fluorescence properties and interaction with DNA. *Journal of Fluorescence* **22** (4): 1189–1199.
- Durrant, W.E., dan Dong, X. 2004. Systemic Acquired Resistance. *Phytopathology* **42**: 185–209.
- Eren, A.M., Vineis, J.H., Morrison, H.G., dan Sogin, M.L. 2013. A Filtering Method to Generate High Quality Short Reads Using Illumina Paired-End Technology. **8** (6): 6–11.
- Evaliza, D., Putri, N.E., dan Fauza, H. 2015. Lotanbar Chili Farming Analysis in Support of A New Superior Cultivar from The District of Limapuluh Kota. **5** (1): 40–43.

- Fabbro, C. Del, Scalabrin, S., Morgante, M., dan Giorgi, F.M. 2013. An Extensive Evaluation of Read Trimming Effects on Illumina NGS Data Analysis. **8** (12): 1–13.
- Fleige, S., dan Pfaffl, M.W. 2006. RNA integrity and the effect on the real-time qRT-PCR performance. *Molecular Aspects of Medicine* **27** (2–3): 126–139.
- Ghanashyam, C., dan Jain, M. 2009. Role of auxin-responsive genes in biotic stress responses. *Plant Signaling and Behavior* **4** (9): 846–848.
- Glenn, T.C. 2011. Field guide to next-generation DNA sequencers. *Molecular Ecology Resources* **11** (5): 759–769.
- Góngora-castillo, E., Ibarra-laclette, E., Trejo-saavedra, D.L., dan Riverabustamante, R.F. 2012. Transcriptome analysis of symptomatic and recovered leaves of geminivirus-infected pepper (*Capsicum annuum*). *Virology journal* **9**: 1–16.
- Guo, Y., Zhang, X., Huang, W., dan Miao, X. 2017. Identification and characterization of differentially expressed miRNAs in subcutaneous adipose between Wagyu and Holstein cattle. *Scientific Reports* **7**: 1–10.
- Gupta, Vikas, April D. Estrada, Ivory Blakley, Rob Reid, Ketan Patel, Mason D. Meyer, Stig U. Andersen, Allan F. Brown, Mary A. Lila, dan Ann E. Loraine. 2015. RNA-Seq Analysis and Annotation of a Draft Blueberry Genome Assembly Identifies Candidate Genes Involved in Fruit Ripening, Biosynthesis of Bioactive Compounds, and Stage-Specific Alternative Splicing. *Giga Science* **4** (1): 1–22.
- Heim, M.A., Jakoby, M., Werber, M., Martin, C., Weisshaar, B., dan Bailey, P.C. 2003. The basic helix-loop-helix transcription factor family in plants: A genome-wide study of protein structure and functional diversity. *Molecular Biology and Evolution* **20** (5): 735–747.
- Hirsch, C.D., Springer, N.M., dan Hirsch, C.N. 2015. Genomic limitations to RNA sequencing expression profiling. *Plant Journal* **84** (3): 491–503.
- Hur, B., Dongwoon, K., Sangseon, L., Ji, H.M., Gung, L., dan Sun, K. 2019. Venn-diaNet: Venn diagram based network propagation analysis framework for comparing multiple biological experiments. *BMC Bioinformatics* **20** (23): 1–12.
- Illumina. 2019. bcl2fastq2 Conversion Software v2.20. *Illumina Software Guide*. 6 hal.
- Jain, S., Arora, S., Saha, R., dan Kaur, I.R. 2017. *Serratia plymuthica*: A community acquired uropathogen. *Indian Journal of Medical Sciences* **69** (1): 31–32.

- Jamsari, J., dan Pedri, J. 2013. Complete nucleotide sequence of DNA A-like genome and DNA-B of monopartite Pepper Yellow Leaf Curl Virus, a dominant begomovirus infecting *Capsicum annuum* in West Sumatera Indonesia. *Asian Journal of Plant Pathology* **7** (1): 1–14.
- Jamsari, J., Syukriani, L., Aisyah, S.N., Syafriani, E., Hamzah, A., Ismulhuda, B., Vionica, V., Prameshwari, W., Elvia, S., Gumaladewi, S., Andesti, C., Handayani, R., Riwanry, F., Susanti, I., dan Shufrori, A. 2018. MONOGRAFI: Eksplorasi Isolat-isolat Bakteri Potensial Sebagai Biopestisida Berbasis Bakteri p. 404. UR Press: Pekanbaru.
- Jankiewicz, U., dan Kołtonowicz, M. 2012. The involvement of *Pseudomonas* bacteria in induced systemic resistance in plants (Review). *Applied Biochemistry and Microbiology* **48** (3): 244–249.
- Jeun, Y.-C., Park, K., dan Kim, C.-H. 2001. Different Mechanisms of Induced Systemic Resistance and Systemic Acquired Resistance Against *Colletotrichum orbiculare* on the Leaves of Cucumber Plants. *Mycobiology* **29** (1): 19–26.
- Joo, J., Lee, Y.H., Kim, Y., Nahm, B.H., dan Song, S.I. 2013. Abiotic Stress Responsive Rice ASR1 and ASR3 Exhibit Different Tissue-Dependent Sugar and. *Molecules and Cells* **35**: 421–435.
- Joshua, Z., Analysis, C., Link, C., Friedman, N., Gnrirke, A., dan Regev, A. 2013. Comprehensive comparative analysis of strand-specific Accessed NIH Public Access sequencing methods. *HHS Public Access* **7** (9): 709–715.
- Ju, C., dan Chang, C. 2015. Mechanistic insights in ethylene perception and signal transduction. *Plant Physiology* **169** (1): 85–95.
- Kikuta, S. 2018. Response of *Tribolium castaneum* to dietary mannitol, with remarks on its possible nutritive effects. *PLoS ONE* **13** (11): 1–15.
- Kim, J.S., Lee, J., Lee, C.H., Woo, S.Y., Kang, H., Seo, S.G., dan Kim, S.H. 2015. Activation of pathogenesis-related genes by the rhizobacterium, *Bacillus sp.* JS, which induces systemic resistance in tobacco plants. *Plant Pathology Journal* **31** (2): 195–201.
- Kim, S., Park, M., Yeom, S. I., Kim, Y.-M., Lee, J.M., Lee, H.-A., Seo, E., Choi, J., Cheong, K., Kim, K.-T., Jung, K., Lee, G.-W., Oh, S.-K., Bae, C., Kim, S.-B., Lee, H.-Y., Kim, S.-Y., Kim, M.-S., Kang, B.-C., Jo, Y.D., Yang, H.-B., Jeong, H.-J., Kang, W.-H., Kwon, J.-K., Shin, C., Lim, J.Y., Park, J.H., Huh, J.H., Kim, J.-S., Kim, B.-D., Cohen, O., Paran, I., Suh, M.C., Lee, S.B., Kim, Y.-K., Shin, Y., Noh, S.-J., Park, J., Seo, Y.S., Kwon, S.-Y., Kim, H.A., Park, J.M., Kim, H.-J., Choi, S.-B., Bosland, P.W., Reeves, G., Jo, S.-H., Lee, B.-W., Cho, H.-T., Choi, H.-S., Lee, M.-S., Yu, Y., Do Choi, Y., Park, B.-S., van Deynze, A., Ashrafi, H., Hill, T., Kim, W.T., Pai, H.-S., Ahn, H.K., Yeam, I., Giovannoni, J.J., Rose, J.K.C., Sørensen, I., Lee, S.-J., Kim, R.W., Choi, I.-Y., Choi, B.-S., Lim, J.-S., Lee, Y.-H., dan Choi, D. 2014. Genome sequence of the hot pepper provides insights

- into the evolution of pungency in *Capsicum* species - Supplement. *Nature Genetics* **46** (3): 270–278.
- Li, B., Meng, X., Shan, L., dan He, P. 2016. Transcriptional Regulation of Pattern-Triggered Immunity in Plants. *Cell Host and Microbe* **19** (5): 641–650.
- Loon, V. 2007. Plant responses to plant growth-promoting bacteria. *Eur. J. Plant Pathol.* **119**: 243-254.
- Marioni, J.C., Mason, C.E., Mane, S.M., Stephens, M., dan Gilad, Y. 2008. RNA-seq: An assessment of technical reproducibility and comparison with gene expression arrays. *Genome Research* **18** (9): 1509–1517.
- Martínez-Gómez, P., Crisosto, C.H., Bonghi, C., dan Rubio, M. 2011. New approaches to *Prunus* transcriptome analysis. *Genetica* **139** (6): 755–769.
- Metzker, M.L. 2010. Sequencing technologies the next generation. *Nature Reviews Genetics* **11** (1): 31–46.
- Mockenhaupt, S., dan Makeyev, E. V. 2015. Non-coding functions of alternative pre-mRNA splicing in development. *Seminars in Cell and Developmental Biology* **47–48**: 32–39.
- Mortazavi, A., Williams, B.A., McCue, K., Schaeffer, L., dan Wold, B. 2008. Mapping and quantifying mammalian transcriptomes by RNA-Seq. *Nature Methods* **5** (7): 621–628.
- Mota, M.S., Gomes, C.B., Souza Júnior, I.T., dan Moura, A.B. 2017. Bacterial selection for biological control of plant disease: criterion determination and validation. *Brazilian Journal of Microbiology* **48** (1): 62–70.
- Müller, A., Volmer, K., Mishra-Knyrim, M., dan Polle, A. 2013. Growing poplars for research with and without mycorrhizas. *Frontiers in plant science* **4**: 332-350.
- Mustikawati, D.R. 2017. Effect of Plant Growth Promoting Rhizobacteria (pgpr) and Liquid Smoke Against Diseases Attacks and Growth of Pepper (*Piper nigrum L.*). *International Journal of Sciences: Basic and Applied Research* **31** (3): 145–155.
- Ng, L.M., Melcher, K., Teh, B.T., dan Xu, H.E. 2014. Abscisic acid perception and signaling : structural mechanisms and applications. *Nature Publishing Group* **1**: 567–584.
- Novogene. 2017. RNA-seq Quantification with Reference Genome Demo Report. 39 hal.
- Nuthalapati, N.K., Evans, J.D., Taylor, R.L., Branton, S.L., Nanduri, B., dan Pharr, G.T. 2019. Transcriptomic analysis of early B-cell development in the chicken embryo. *Poultry Science* **98** (11): 5342–5354.

- Oosten, Vivian R. Van, Natacha Bodenhausen, Philippe Reymond, Johan A. Van Pelt, L. C. Van Loon, Marcel Dicke, dan Corné M.J. Pieterse. 2008. Differential Effectiveness of Microbially Induced Resistance against Herbivorous Insects in *Arabidopsis*. *Molecular Plant-Microbe Interactions* **21** (7): 919–30.
- Ongena, M., Jourdan, E., Adam, A., Paquot, M., Brans, A., Joris, B., Arpigny, J.L., dan Thonart, P. 2007. Surfactin and fengycin lipopeptides of *Bacillus subtilis* as elicitors of induced systemic resistance in plants. *Environmental Microbiology* **9** (4): 1084–1090.
- Pajerowska-mukhtar, K.M., Emerine, D.K., dan Mukhtar, M.S. 2013. Tell me more : roles of NPRs in plant immunity. *Trends in Plant Science* **18** (7): 402–411.
- Pan, Q., Shai, O., Lee, L.J., Frey, B.J., dan Blencowe, B.J. 2008. Deep surveying of alternative splicing complexity in the human transcriptome by high-throughput sequencing. *Nature Genetics* **40** (12): 1413–1415.
- Pangesti, Nurmi, Michael R., Judith E. van de Mortel, Eleni K., Jonathan G., Joop J.A. van Loon, Marcel D., dan Ana P. 2016. Jasmonic Acid and Ethylene Signaling Pathways Regulate Glucosinolate Levels in Plants During Rhizobacteria-Induced Systemic Resistance Against a Leaf-Chewing Herbivore. *Journal of Chemical Ecology* **42** (12): 1212–25.
- Park, K., Ahn, I.-P., dan Kim, C.H. 2001. Systemic Resistance and Expression of the Pathogenesis-Related Genes Mediated by the Plant Growth-Promoting Rhizobacterium *Bacillus amyloliquefaciens* EXTN-1 Against Anthracnose Disease in Cucumber . *Mycobiology* **29** (1): 48–53.
- Pieterse, C.M.J., Van Pelt, J.A., Ton, J., Parchmann, S., Mueller, M.J., Buchala, A.J., Métraux, J.P., dan Van Loon, L.C. 2000. Rhizobacteria-mediated induced systemic resistance (ISR) in *Arabidopsis* requires sensitivity to jasmonate and ethylene but is not accompanied by an increase in their production. *Physiological and Molecular Plant Pathology* **57** (3): 123–134.
- Pieterse, C.M.J., Zamioudis, C., Berendsen, R.L., Weller, D.M., Van Wees, S.C.M., dan Bakker, P.A.H.M. 2014. Induced Systemic Resistance by Beneficial Microbes. *Annual Review of Phytopathology* **52** (1): 347–375.
- Prasath, D., El-Sharkawy, I., Sherif, S., Tiwary, K.S., dan Jayasankar, S. 2011. Cloning and characterization of PR5 gene from *Curcuma amada* and *Zingiber officinale* in response to *Ralstonia solanacearum* infection. *Plant Cell Reports* **30** (10): 1799–1809.
- Priti, S., Mahadevaswamy, Vendan, K., G P, S., dan Gundappagol, R. 2013. Studies on plant growth promoting rhizobacteria (PGPR) associated with Chilli (*Capsicum annum L.*) grown in TBP command area of Karnataka. *Journal of Soil Biology & Ecology* **33**: 22–36.

- Pusat Data dan Sistem Informasi Pertanian Kementerian Pertanian Republik Indonesia. 2016. Statistik Pertanian 2016. 358 hal. Ramzan, M., Tabassum, B., Nasir, I.A., Khan, A., Tariq, M., Awan, M.F., Shahid, N., Rao, A.Q., Bhatti, M.U., Toufiq, N., dan Husnain, T. 2016. Identification and application of biocontrol agents against Cotton leaf curl virus disease in *Gossypium hirsutum* under greenhouse conditions. *Biotechnology and Biotechnological Equipment* **30** (3): 469–478.
- Ramzan, M., Tabassum, B., Nasir, I.A., Khan, A., Tariq, M., Awan, M.F., Shahid, N., Rao, A.Q., Bhatti, M.U., Toufiq, N., dan Husnain, T. 2016. Identification and application of biocontrol agents against Cotton leaf curl virus disease in *Gossypium hirsutum* under greenhouse conditions. *Biotechnology and Biotechnological Equipment* **30** (3): 469–478.
- Ren, H. dan Gray, W.M. 2015. SAUR Proteins as Effectors of Hormonal and Environmental Signals in Plant Growth. *Molecular Plant* **8** (8): 1153–1164.
- Renfiyeni, Yusniwati, Jumsu, T., dan Jamsari. 2017. Calli Induction Of Some Chili Pepper (*Capsicum Annuum L.*) Genotypes As Material For Genetic Transformation. *International Journal of Agricultural Sciences* **1** (1): 75–80.
- Ruan, J., Zhou, Y., Zhou, M., Yan, J., Khurshid, M., Weng, W., Cheng, J., dan Zhang, K. 2019. Jasmonic acid signaling pathway in plants. *International Journal of Molecular Sciences* **20** (10): 1–15.
- Ryu, C., Farag, M.A., Hu, C., Reddy, M.S., Kloepper, J.W., dan Pare, P.W. 2004. Bacterial volatiles induced resistance in Arabidopsis. *Plant Physiology* **134**: 1017–1026.
- Ryu, C.M., Hu, C.H., Reddy, M.S., dan Kloepper, J.W. 2003. Different signaling pathways of induced resistance by rhizobacteria in Arabidopsis thaliana against two pathovars of *Pseudomonas syringae*. *New Phytologist* **160** (2): 413–420.
- S.A. Deepak, K.R. Kottapalli, R. Rakwal, G. Oros, K.S. Rangappa, H. Iwahashi, Y. Masuo, dan G.K. Agrawal. 2007. Real-Time PCR: Revolutionizing Detection and Expression Analysis of Genes. *Current Genomics* **8** (4): 234–251.
- Sang, H.K., Jae, B.Y., Jae, W. Do, dan Hyo, G.P. 2008. A major recessive gene associated with anthracnose resistance to *Colletotrichum capsici* in chili pepper (*Capsicum annuum L.*). *Breeding Science* **58** (2): 137–141.
- Schaad, N.W., dan Frederick, R.D. 2002. Real-time PCR and its application for rapid plant disease diagnostics. *Canadian Journal of Plant Pathology* **24** (3): 250–258.

- Shah, J., Chaturvedi, R., Chowdhury, Z., Venables, B., dan Robby, A. 2014. Signaling by small metabolites in systemic acquired resistance Correspondence : *Plant Journal* **79** (4): 645–658.
- Sharma, S., Chen, C., Navathe, S., Chand, R., dan Pandey, S.P. 2019. A halotolerant growth promoting rhizobacteria triggers induced systemic resistance in plants and defends against fungal infection. *Scientific Reports* **9** (1): 1–17.
- Simsek, O., Donmez, D., dan Kacar, Y.A. 2017. RNA-Seq analysis in fruit science: a review. *American Journal of Plant Biology* **2**: 1–7.
- Swarup, R., dan Bhosale, R. 2019. Developmental Roles of AUX1/LAX Auxin Influx Carriers in Plants. *Frontiers in Plant Science* **10**: 1–14.
- Swiontek, B., M., dan Donderski, W. 2006. Chitinolytic bacteria in two lakes of different trophic status. *Polish Journal of Ecology* **54** (2): 295–301.
- Syafriani, E., Fatchiyah, Istino F., dan Jamsari. 2018. Studi Awal Empat Isolat Bakteri Antagonis terhadap Jamur *Colletotrichum gloeosporioides*. *Plumula* **6**(2): 109-122.
- Ton, Jurriaan, dan Gabor J. 2007. Dissecting the b -Aminobutyric Acid – Induced Priming Phenomenon in *Arabidopsis*. *The Plant Cell* **17**: 987–99.
- Thirugnanasambantham, K., Durairaj, S., dan Saravanan, S. 2014. Role of Ethylene Response Transcription Factor (ERF) and Its Regulation in Response to Stress Encountered by Plants. *Plant Molecular Biology Reporter* **33**: 347–357.
- Verma, R.K., Venkata, V., Kumar, S., Yadav, S.K., Pushkar, S., Rao, M.V., dan Chinnusamy, V. 2019. Overexpression of ABA Receptor PYL10 Gene Confers Drought and Cold Tolerance to Indica Rice. *Frontiers in plant science* **10**: 1–16.
- De Vleeschauwer, D., Chernin, L., dan Höfte, M.M. 2009. Differential effectiveness of *Serratia plymuthica* IC1270-induced systemic resistance against hemibiotrophic and necrotrophic leaf pathogens in rice. *BMC Plant Biology* **9**: 1–16.
- Wang, L., Zhao, S., Gu, C., Zhou, Y., Zhou, H., Ma, J., Cheng, J., dan Han, Y. 2013. Deep RNA-Seq uncovers the peach transcriptome landscape. *Plant Molecular Biology* **83** (4–5): 365–377.
- Wang, S., Huijun, W., Junqing, Q., Lingli, M., Jun, L., Yanfei, X., dan Xuwen, G. 2009. Molecular mechanism of plant growth promotion and induced systemic resistance to tobacco mosaic virus by *Bacillus* spp. *Journal of Microbiology and Biotechnology* **19** (10): 1250–1258.
- Wang, Z., Gerstein, M., dan Snyder, M. 2010. RNA-Seq: a revolutionary tool for transcriptomics Zhong. *Nature Reviews Genetics* **10** (1): 57–63.

- Wasternack, C., dan Hause, B. 2013. Jasmonates: Biosynthesis, perception, signal transduction and action in plant stress response, growth and development. An update to the 2007 review in *Annals of Botany* **111** (6): 1021–1058.
- Wasternack, C., dan Song, S. 2017. Jasmonates: Biosynthesis, metabolism, and signaling by proteins activating and repressing transcription. *Journal of Experimental Botany* **68** (6): 1303–1321.
- Wilhelm, B.T., Marguerat, S., Watt, S., Schubert, F., Wood, V., Goodhead, I., Penkett, C.J., Rogers, J., dan Bähler, J. 2008. Dynamic repertoire of a eukaryotic transcriptome surveyed at single-nucleotide resolution. *Nature* **453** (7199): 1239–1243.
- Xue, D.Q., Chen, X.L., Zhang, H., Chai, X.F., Jiang, J. Bin, Xu, X.Y., dan Li, J.F. 2017. Transcriptome analysis of the Cf-12-mediated resistance response to *Cladosporium fulvum* in tomato. *Frontiers in Plant Science* **7**: 1–11.
- Yamagami, T., Tsuchisaka, A., Yamada, K., Haddon, W.F., Harden, L.A., dan Theologis, A. 2003. Biochemical diversity among the 1-aminocyclopropane-1-carboxylate synthase isozymes encoded by the Arabidopsis gene family. *The Journal of biological chemistry* **278** (49): 49102–49112.
- Yassoura, M., Kaplana, T., Fraser, H.B., Levin, J.Z., Pfiffner, J., Adiconis, X., Schroth, G., Luo, S., Khrebtukova, I., Gnirke, A., Nusbaum, C., Thompson, D.A., Friedman, N., dan Regev, A. 2009. Ab initio construction of a eukaryotic transcriptome by massively parallel mRNA sequencing. *Proceedings of the National Academy of Sciences of the United States of America* **106** (9): 3264–3269.
- Zeng, X., Zhang, P., Wang, Y., Qin, C., Chen, S., He, W., Tao, L., Tan, Y., Gao, D., Wang, B., Chen, Z., Chen, W., Jiang, Y.Y., dan Chen, Y.Z. 2019. CMAUP: A database of collective molecular activities of useful plants. *Nucleic Acids Research* **47** (D1): D1118–D1127.
- Zhou, Y., Ahammed, G.J., Wang, Q., Wu, C., Wan, C., dan Yang, Y. 2018. Transcriptomic insights into the blue light-induced female floral sex expression in cucumber (*Cucumis sativus* L.). *Scientific Reports* **8** (1): 1–12.