

DAFTAR PUSTAKA

- Aidah, S. N. 2020. *Ensiklopedi Terong: Deskripsi, Filosofi, Manfaat, Budidaya, dan Peluang Bisnisnya*. Jogjakarta. Penerbit KBM Indonesia.
- Ali, Z., Z. L. Xu, D. Y. Zhang, X. L. He, S. Bahadur, and J. X. Yi. 2011. Molecular Diversity Analysis of Eggplant (*Solanum melongena*) Genetic Resources. *Genetics and Molecular Research*, 10(2): 1141-1155.
- Badan Pusat Statistik dan Direktorat Jenderal Hortikultura. 2019. *Data Pertanian Lima Tahun Terakhir*. Kementerian Pertanian Republik Indonesia. Diakses dari <https://www.pertanian.go.id/> pada 31 Januari 2022.
- Beedanagari, S., S. V. Vulimiri, S. Bhatia, and B. Mahadevan. 2014. Genotoxicity biomarkers: Molecular basis of genetic variability and susceptibility. *Biomarkers in Toxicology*, 43: 729-742.
- Bobay, L. M. 2020. The procaryotic species concept and challenges. In H. Tettelin and D. Medini (Eds.), *The Pangenome* (pp. 21-49). Springer. Cham.
- Cakir, Z., A. Balkaya, S. Saribas, and D. Kandemir. 2017. The Morphological Diversity and Fruit Characterization of Turkish Eggplant (*Solanum melongena* L.) Populations. *Ekin Journal of Crop Breeding and Genetics*, 3(2): 34-44.
- Chen, M., M. Xu, Y. Xiao, D. Cui, Y. Qin, J. Wu, W. Wang, and G. Wang. 2018. Fine Mapping Identifies SmFAS Encoding an Anthocyanidin Synthase as a Putative Candidate Gene for Flower Purple Color in *Solanum melongena* L. *International Journal of Molecular Sciences*, 19(789): 1-12.
- Cole K. and B. Levine. 2003. *Principle of Forensic Toxicology, Chapter 6 Spectrophotometry*. Washington. AACC Press.
- Daryono, B. S. dan S. D. Maryanto. 2017. *Keanekaragaman dan Potensi Sumber Daya Genetik Melon*. Yogyakarta. Gadjah Mada University Press.
- Daunay, M. C. & J. Janick. 2007. History and Iconography of Eggplant. *Chronica Holticulturae*, 47(3): 16-21.
- Doganlar, S., A. Frary, M-C. Daunay, R. N. Lester, and S. D. Tanksley. 2002. Conservation of gene function in the Solanaceae as revealed by comparative mapping of domestication traits in eggplant. *Genetics*, 161: 1713–1726.
- Fahroji. 2011. *Pascapanen Holtikultura*. Riau. Balai Pengkajian Teknologi Pertanian (BPTP).
- Fu, Q. S., R. C. Yang, H. S. Wang, B. Zhao, C. L. Zhou, S. X. Ren, and Y. D. Guo. 2013. Leaf Morphological and Ultrastructural Performance of Eggplant (*Solanum melongena* L.) in Response to Water Stress. *Photosynthetica*, 51(1): 109-114.
- Ganbold, S. 2022. *Eggplant production APAC 2020, by country*. Diakses dari <https://www.statista.com/statistics/679219/asia-pacific-eggplant-production-by-country/> pada 30 Juli 2022.

- Garibyan L., and N. Avashia. 2013. Polymerase chain reaction. *Journal of Investigative Dermatology*, 133(3):1-4. doi:10.1038/jid.2013.1.
- Grubben, G. J. H. and O. A. Denton. 2004. *Plant Resources of Tropical Africa: Vegetables*. Wageningen, Netherlands. PROTA Foundation. Pp: 488-493.
- Handoyo, D. dan A. Rudiretna. 2000. Prinsip umum dan pelaksanaan polymerase chain reaction (PCR) [general principles and implementation of polymerase chain reaction]. *Unitas*, 9(1), 17-29.
- Harismoyo. 2022. *Nasubi or Japanese Eggplant on pottery plate, on white background*. Diakses dari <https://stock.adobe.com/> pada 24 Oktober 2022.
- Hartl, D. and A. Clark. 1997. *Principles of Population Genetics*. 3th ed. Sunderland. Sinauer Assoc.
- Hartl, D. L. and E. W. Jones. 2005. *Essential genetics: A genomics perspective*. 4th Edition, Burlington. Jones & Bartlett Publishers.
- Herrmann, B. and Hummel, S., 1994. *Ancient DNA: Recovery and Analysis of Genetic Material from Paleontological, Archaeological, Museum, Medical, and Forensic Specimens*. New York. Springer Science & Business Media.
- Hidzroh, F. dan B. S. Daryono. 2021. Keceragaman dan kestabilan karakter tanaman melon (*Cucumis melo* L. 'Tacapa Gold') berdasarkan karakter fenotip dan *Inter-Simple Sequence Repeat*. *Biospecies*, 14(2): 11-19.
- Husnudin, U. B. 2018. Keragaman dan Klasifikasi Intraspesifik Kultivar Terong (*Solanum melongena* L.) Akses Indonesia Berdasarkan Karakter Morfologis dan Molekular (Tesis). Fakultas Biologi UGM, Yogyakarta.
- IBPGR. 1990. *Descriptors for Eggplant*. Rome. International Board for Plant Resources.
- Isshiki, S., H. Okubo, and K. Fujieda. 1994. Phylogeny of eggplant and related *Solanum* species constructed by allozyme variation. *Scientia Horticulturae*, 59: 171-176.
- Isshiki, S., N. Iwata, and M. M. R. Khan. 2008. ISSR Variation in Eggplant (*Solanum melongena* L.) and Related *Solanum* Species. *Scientia Horticulturae*, 117: 186-190.
- ITIS. 2022. *Solanum melongena* L. *Taxonomic Serial No.: 30446*. Retrieved [February, 5, 2022], from the Integrated Taxonomic Information System (ITIS), www.itis.gov, <https://doi.org/10.5066/F7KH0KBK>.
- Kaushik, P., J. Prohens, S. Vilanova, P. Gramazio, and M. Plazas. 2016. Phenotyping of Eggplant Wild Relatives and Interspecific Hybrids with Conventional and Phenomics Descriptors Provides Insight for Their Potential Utilization in Breeding. *Frontiers in Plant Science*, 7: 1-16.
- Kumar, P., V. K. Gupta, A. K. Misra, D. R. Modi, and B. K. Pandey. 2009. Potential of Molecular Markers in Plant Biotechnology. *Plant Omics Journal*, 2(4): 141-162.
- Lal, S., K. N. Mistry, R. Thaker, S. D. Shah, and P. B. Vaidya. 2012. Genetic Diversity Assessment in Six Medicinally Important Species of *Ocimum* from

- Central Gujarat (India) Utilizing RAPD, ISSR, and SSR Markers. *International Journal of Advanced Biological Research*, 2: 279–288.
- Li, J., Y. J. He, L. Zhou, Y. Liu, M. Jiang, L. Ren, and H. Chen. 2018. Transcriptome profiling of genes related to light-induced anthocyanin biosynthesis in eggplant (*Solanum melongena* L.) before purple color becomes evident. *BMC Genomics*, 19(201): 1-12.
- Mashudi. 2007. *Budi Daya Terung*. Bandung. Azka Press.
- Matthews, D., J. McNicoll, K. Harding, and S. Millam. 1999. 50'-anchored simple-sequence repeat primers are useful for analysing potato somatic hybrids. *Plant Cell Reports*, 19: 210–212.
- Moreira, P. and D. Oliveira. 2010. Leaf age affects the quality of DNA extracted from *Dimorphandra mollis* (Fabaceae), a tropical tree species from the Cerrado region of Brazil. *Genetic and Molecular Research*, 12(1): 353-358.
- Mujijah. 2012. Karakter Morfologi, Anatomi, Ultrastruktur Epidermis dan Derivatnya, Daun Beberapa Kultivar Terung (*Solanum melongena* L.) Dibandingkan dengan *Solanum* spp. di Provinsi Banten, Sebagai Pendukung Klasifikasi (Tesis). Fakultas Biologi UGM, Yogyakarta.
- Ng, W. L. and S. G. Tan. 2015. Inter-Simple Sequence Repeat (ISSR) Markers: Are We Doing It Right?. *ASM Science Journal*, 9(1): 30-39.
- Nunome, T., K. Suwabe, H. Iketani, and M. Hirai. 2003. Identification and characterization of microsatellites in eggplant. *Breed Science*, 122:256-262.
- Petaniindo. 2021. *Terong Jepang "Nasubi" Si Kecil Pencegah Kanker*. Diakses dari <https://petaniindo.com/> pada 31 Januari 2022.
- Portis, E., F. Cericola, L. Barchi, L. Toppino, N. Acciarri, L. Pulcini, T. Sala, S. Lanteri, and G. L. Rotino. 2015. Association Mapping for Fruit, Plant and Leaf Morphology Traits in Eggplant. *PLoS ONE*, 10(8): 1-23.
- Rahimah, D. S. 2018. *Berkebun Organik Buah dan Sayur*. Jakarta. Penebar Swadaya.
- Reddy, M. P., N. Sarla, and E. A. Siddiq. 2002. Inter Simple Sequence Repeat (ISSR) Polymorphism and Its Application in Plant Breeding. *Euphytica*, 128: 9–17.
- Sambrook, J., and D. W. Russel 1989. *Molecular Cloning: A Laboratory Manual*. New York. Cold-Spring Harbor Laboratory Pr. 2222 pp.
- Sari, I.A., Sukarsa, dan S. Samiyarsih. 2016. Analisis fenetik kultivar krisan (*Chrysanthemum morifolium* Ramat.). *Biosfera*, 33(2): 52-59.
- Surzycki S. 2000. General Aspects of DNA Isolation and Purification. In: *Basic Techniques in Molecular Biology. Springer Lab Manuals*. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-56968-5_1
- Tiwari, S.K., J. L. Karihaloo, N. Hameed, and A. B. Galkwaad. 2009. Molecular Characterization of Brinjal (*Solanum melongena* L.) Cultivars using RAPD and ISSR Markers. *Journal of Plant Biochemistry and Biotechnology*, 18(2): 189-195.

- Tjitrosoepomo, G. 2007. *Morfologi Tumbuhan*. Yogyakarta. UGM Press.
- Tsaballa, A., K. Pasentsis, N. Darzentas, and A. S. Tsaftaris. 2011. Multiple Evidence for The Role of An Ovate-Like Gene in Determining Fruit Shape in Pepper. *BMC Plant Biology*, (11)46: 1-16.
- Van Steenis, C. G. G. J. 2005. *Flora Untuk Sekolah di Indonesia*. Jakarta. Pradya Paramita.
- Wang, L., J. Li, J. Zhao, and C. He. 2015. Evolutionary Developmental Genetics of Fruit Morphological Variation within The Solanaceae. *Frontiers in Plant Science*, 6: 1-10.
- Weese, T. L. and L. Bohs. 2010. Eggplant Origins: Out of Africa, Into The Orient. *TAXON*, 59(1): 49–56.
- Werker, E. 2000. Trichome Diversity and Development. *Botanical Research*, 13: 1-35.
- Yanti, E. 2019. *Mudah Menanam Terung*. Jakarta. Penerbit Bhuana Ilmu Populer.
- Zhang, S., A. Zhang, X. Wu, Z. Zhu, Z. Yang, Y. Zhu, and D. Zha. 2019. Transcriptome analysis revealed expression of genes related to anthocyanin biosynthesis in eggplant (*Solanum melongena* L.) under high-temperature stress. *BMC Plant Biology*, 19(387): 1-13.
- Zietkiewicz, E., A. Rafalski, and D. Labuda. 1994. Genome Fingerprinting by Simple Sequence Repeat (SSR)-Anchored Polymerase Chain Reaction Amplification. *Genomics*, 20: 176–18
- Zulfahmi. 2013. Penanda DNA untuk Analisis Genetik Tanaman. *Jurnal Agroteknologi*, 3(2): 41 – 52.