

DAFTAR PUSTAKA

1. Alrich and Higgins.2014. *Phalaenopsis amabilis* (Linnaeus) Blume.*Bijdragen tot de Flora van Nederlandsch Indie*.7(24): 7-10
2. BIOVIA, Dassault Systemes, DS Visualizer, 2021. San Diego: Dassault Systemes, 2021
3. Chugh, S., Guha, S. and Rao, I. U. 2009.Micropropagation of orchids: A review on the potential of different explants.*Scientia Horticulturae*.122(4): 507-520
4. Corpet, F.1998.Multiple Sequence Alignment With Hierarchical Clustering.*Nucl. Acids Res*. 16(22): 10881-10890
5. Dallakyan, S and Olson, A.J.2015.Small-Molecule Library Screening by Docking with PyRx.*Methods Mol Biol*.(1263):243-50
6. Gasteiger E., Hoogland C., Gattiker A., Duvaud S., Wilkins M.R., Appel R.D., Bairoch A.2005.Protein Identification and Analysis Tools on the ExPASy Server; (In) John M. Walker (ed): *The Proteomics Protocols Handbook*, Humana Press: 571-607
7. Geourjon, C. and Deléage, G. 1995.SOPMA: significant improvements in protein secondary structure prediction by consensus prediction from multiple alignments. *Comput Appl Biosci*. 11(6):681-4. <https://doi.org/10.1093/bioinformatics/11.6.681>
8. Goddard, T.D., Huang, C.C., Meng, E.C., Pettersen, E.F., Couch, G.S., Morris, J.H., Ferrin, T.E. UCSF ChimeraX: Meeting modern challenges in visualization and analysis.*Protein Sci* (1):14-25
9. Hartati, S., Muliawati, E. S., Pardono, P., Cahyono, O., & Yuliyanto, P. 2019. Morphological characterization of Coelogyne spp for germplasm conservation of orchids. *Revista Ceres*, (66) 265-270.
10. Horton P, Park KJ, Obayashi T, Fujita N, Harada H, AdamsCollier.2007. Protein Localization Predictor. *Nucleic Acids Research*.;35(suppl_2):W585-7. <https://doi.org/10.1093/nar/gkm259>
11. Jang, S., Choi, S.C., Li, H., An, G. Schmelzer, E.2015.Functional Characterization of *Phalaenopsis Aphrodite* Flowering Genes *PaFT1* and *PaFD*. *PLoS ONE* 10(8) <https://doi.org/10.1371/journal.pone.0134987>
12. Lee, P.Y., Costumbrado, J., Hsu, C. Y and Kim, Y. H.2012.Agarose Gel Electrophoresis for the Separation of DNA Fragments.*Journal of Visualized Experiments*,(62): 3923
13. Mercuriani, I. S., Purwantoro, A., Moeljopawiro, S., & Semiarti, E. (n.d). Insertion of a Flowering gene, PaFT, into *Phalaenopsis amabilis* orchid using *Agrobacterium tumefaciens*. 6.

14. Morris, G. M., Huey, R., Lindstrom, W., Sanner, M. F., Belew, R. K., Goodsell, D. S. and Olson, A. J. 2009. Autodock4 and AutoDockTools4: automated docking with selective receptor flexibility. *Computational Chemistry* 2009, (16): 2785-91.
15. Nakamura Y, Lin Y C, Watanabe S, Liu YC, Katsuyama K, Kanehara K, Inaba K. High Resolution Crystal Structure of Arabidopsis FLOWERING LOCUS T Illuminates its Phospholipid-Binding Site in Flowering. *iScience*, (21) 577-586
16. Ningrum, E . C., Rosyidi, I. N., Puspasari, R. R., & Semiarti, E. 2017. Perkembangan Awal Protocorm Anggrek *Phalaenopsis amabilis* secara *In Vitro* setelah Penambahan Zat Pengatur Tumbuh α -Naphthaleneacetic Acid dan Thidiazuron. *Biosfera*, 34(1): 9. <https://doi.org/10.20884/1.mib.2017.34.1.393>
17. Pettersen, E.F., Goddard, T.D., Huang, C.C., Meng, E.C., Couch, G.S., Croll, T.I., Morris, J.H., Ferrin, T.E. 2021. UCSF ChimeraX: Structure visualization for researchers, educators, and developers. *Protein Sci* (1):14-25
18. Rozas, J., Mata, A. F., Sanchez-DelBarrio, J. C., Guiaro-Rico, S., Librado, P., Ramos 4Onsins, S. E., Sanchez-Gracia, A. 2017. DnaSP 6: DNA Sequence Polymorphism Analysis of Large Data Sets. *Molecular Biology and Evolution* 34(12): 3299-3302 <https://doi.org/10.1093/molbev/msx248>
19. Santoso, B. B., and Parwata, I. G. M. A. 2016. *Pembungaan Tanaman Jarak Pagar Nusa Tenggara Barat*. Mataram: BBS Agriculture. p12-15
20. Schrödinger, L. & DeLano, W., 2020. PyMOL, Available at: <http://www.pymol.org/pymol>
21. Semiarti, E., Indrianto, A., Purwantoro, A., Isminingsih, S., Suseno, N., Ishikawa, T., Yoshioka, Y., Machida, Y., & Machida, C. 2007. Agrobacterium-mediated transformation of the wild orchid species *Phalaenopsis amabilis*. *Plant Biotechnology*, 24(3): 265–272. <https://doi.org/10.5511/plantbiotechnology.24.265>.
22. Semiarti, E., Indrianto, A., Purwantoro, A., Isminingsih, S., Suseno, N., Ishikawa, T., Yoshioka, Y., Machida, Y., & Machida, C. (2007). Agrobacterium-mediated transformation of the wild orchid species *Phalaenopsis amabilis*. *Plant Biotechnology*, 24(3), 265–272. <https://doi.org/10.5511/plantbiotechnology.24.265>
23. Semiarti, E., Mercuriani, I. S., Rizal, R., Slamet, A., Utami, B. S., Bestari, I. A., Aziz-Purwantoro, Moeljopawiro, S., Jang, S., Machida, Y., & Machida, C. 2015'. *Overexpression of PaFT gene in the wild orchid Phalaenopsis amabilis (L.) Blume*. 090005. <https://doi.org/10.1063/1.4930750>

24. Tamura, K., Stecher, G., and Kumar, S. 2021. MEGA 11: Molecular Evolutionary Genetics Analysis Version 11. *Mol. Biol. Evol.* 38(7) doi:10.1093/molbev/msab120
25. Tan, C. L. and Anderson, E. The New Central Dogma of Molecular Biology. 2020. *J. Researchgate*: 3-19
26. Timothy L. B., James, J., Charles E. G., William, S. N. 2015. The MEME Suite", *Nucleic Acids Research*, 43(W1):W39-W49
27. Tongerlo, V. E., Leperen, V. M., Dieleman, J. A., Marcelis, L. F. M. 2021. Vegetative Traits Can Predict Flowering Quality in *Phalaenopsis* Orchids Despite Large Genotypic Variation in Response to Light and Temperature. *PLoS ONE* 16(5) <https://doi.org/10.1371/journal.pone.0251405>
28. Wang, S., An, H. R., Tong, C., Jang, S. 2021. Flowering and flowering genes: from model plants to orchids. *Horticulture, Environment, and Biotechnology*. 62:135-148
29. Watanabe S, Nakamura Y, Kanehara K, Inaba K. 2019. Crystal structure of FT condition 3 DOI: [10.2210/pdb6igh/pdb](https://doi.org/10.2210/pdb6igh/pdb)
30. Zhang, M., Li, P., Yan, X., Wang, J., Cheng, T., and Zhang, Q. 2021. Genome-wide characterization of PEBP family genes in nine *Rosaceae* tree species and their expression analysis in *P. mume*. *BMC Ecol Evo* 21(32) <https://doi.org/10.1186/s12862-021-01762-4>