

DAFTAR PUSTAKA

- Acquaah, G. 2012. *Principles of Plant genetics and Breeding ; Second Edition*. Wiley-Blackwell. USA. Hal. 740
- Adam, R.P., C. Hsieh, J. Murata, R.N. Pandey. 2002. Systematics of *Juniperus* from eastern Asia based on Random Amplified Polymorphic DNAs (RAPDs). *Biochem. Sys. Ecol.* 30: 231–241.
- Andreasen, K. and M. Manktelow. 2009. Successful DNA Amplification of a More than 200 Year Old Herbarium Specimen: Recovering Genetic Material from the Linnaean Era. *Taxon*. 3:959-962
- Asahina, H., J. Shinozaki, , K. Masuda, Y. Morimitsu, and M. Satake. 2010. Identification of medicinal *Dendrobium* species by phylogenetic analyses using *matK* and *rbcL* sequences. *The Japanese Society of Pharmacognosy and Springer. J Nat Med* 64:133–138
- Backer, C.A. and Jr R.C.B. van den Brink. 1965. *Flora of Java (Spermatophytes Only)*. Vol. II. N.V.P. Noordhoff. Groningen. Netherland. Hal. 2147
- Baldoni, L and E. Rugini. 2002. *Fruit and vegetable biotechnology: Genetic modification of agronomic traits in fruit crops*. Woodhead Publishing Limited. UK. Hal. 332
- Bardakci, F. 2001. Random Amplified Polymorphic DNA (RAPD) Markers. *Turk. J. Biol.* 25: 185-196.
- Botstein. D, R.L. White, M. Skolnick, and R.W. Davis. 1980. Construction of a genetic linkage map in man using restriction fragment length polymorphisms. *Am J Hum Genet* 32:314–331
- Davis, P.H. and V.H. Heywood. 1973. *Principles of Angiosperm Taxonomy*. Robert E. Krieger Publishing Company, Inc. Huntington. New York. Hal. 576
- Demeke, T. dan G.R. Jenkins. 2010. Influence of DNA extraction methods, PCR inhibitors and quantification methods on real-time PCR assay of biotechnology-derived traits. *Anal Bioanal Chem* 396: 1977–1990.
- Doyle, J.J. dan J. L. Doyle. 1987 A rapid DNA leaf material. *Phytochem Bull* 19:11–15
- Doyle, J. J. dan J. L. Doyle. 1990. Isolation of plant DNA from fresh tissue. *Focus* 12:13–15

- Guevara-Garcia, A., L. Herrera-Estrella, and G. Olmedo-Alvarez. 2005. *Cloning from Genomic DNA and Production of Libraries*. Springer-Verlag. Berlin. Hal. 529
- Gupta, P. K, R. K. Varshney, and M. Prasad. 2002. *Molecular marker : principles and methodology*. In S. M. Jain, D.S. Brar, and B.S. Ahloowalia (Eds.). *Molecular Techniques in Crop Improvement*. Kluwer Academic Publishers. Dordrecht. Hal. 59
- Handoyo, Darmo, dan A. Rudiretna. 2001. Prinsip Umum dan Pelaksanaan Polymerase Chain Reaction (PCR). *Unitas* 9: 17-29.
- Hanum, L., R. S. Kasiamdari, Santosa, dan Rugayah. 2013. The Phylogenetic Relationship Among Varieties of *Lansium domesticum* Correa Based on ITS rDNA Sequences. *Indonesian Journal of Biotechnology*. 18:123 – 132
- Hartl, D dan M. Ruvolo. 2012. *Genetics : Analysis of Genes and Genomes*. Jones & Bartlett Learning, LCC an Ascend Learning Company. UK. Hal. 854
- Hidayat, T., D. Kusumawaty, Kusdianti, D. D. Yati, A. A. Muchtar, and D. Mariana. 2008. Analisis Filogenetik Molekuler pada *Phyllanthus niruri* L (Euphorbiaceae). *Jurnal Matematika dan Sains* 13:16-21.
- Howland, D.E, R.P. Oliver, and A.J. Davy. 1991. A method of extraction of DNA from birch. *Plant Mol Biol Rep* 9:340–344
- Huggett, J.F., T. Novak, J.A. Garson, C. Green, S.D. Morris-Jones, R.F. Miller and A. Zumla. 2008. Differential susceptibility of PCR reactions to inhibitors: an important and unrecognised phenomenon. *BMC Res Notes* 1, 70.
- Joshi, M., and Deshpande. 2010. Polymerase Chain Reaction : Methods, Principles, dan Aplikasi. *IJBR* 5:81–97
- Katcher, H.L. and I. Schwartz. 1994. A distinctive property of The DNA polymerase: enzymatic amplification in the presence of phenol. *Biotechniques* 16: 84–92.
- Kim, C.S., C.H. Lee, J.S. Shin, Y.S. Chung and N.I. Hyung. 1997. A simple and rapid method for isolation of high quality genomic DNA from fruit trees and conifers using PVP. *Nucleic Acid Research* 25:1085–1086
- Kit, Y.S. and S. Chandran. 2010. A Simple, rapid and efficient method of isolating DNA from Chokanan mango (*Mangifera indica* L). *Afr J Biotechnol* 36:5805–5808
- Kostermans A. J. G. H. 1960. New and critical Malaysian plants VI. *Reinwardtia* 5:341-369.

- Kristiningrum, N., Y. N. Cahyanti, and L. Wulandari. 2016. Determination of total phenolic content and antioxidant activity in methanolic extract of robusta and Arabica coffee leaves. *Proceeding of 1st International Conference on Medicine and Health Sciences (ICMHS)*. 31 Agustus – 1 September 2016, Jember. Hal. 10
- Lade, B. P., A. S. Patil, dan H. M. Paikrao. 2014. Efficient genomic DNA extracton protocol from medicinal rich *Passiflora foetida* containing high level of polysaccharide and polyphenol. *Springer Plus* 3:457
- Lamboy, W.F. 1994. Computing Genetic Similarity Coefficients from RAPD Data: The Effects of PCR Artifacts. 1994. *Genome Res.* 4:31-37
- Lawrence G. H. M. 1951. *Taxonomy of Vascular Plant*. The Mac Milan Company. New York. Hal. 823
- Li, W., and D. Graur. 1991. *Fundamental of Molecular Evolution*. Sinauer Associates, Inc. Hal. 481
- Lim, T.K. 2012. *Edible Medicinal Plant. 3th Vol. Fruits*. Springer. New York. Hal. 898
- Lotfy, S., F. Luro., F. Carreel., Y. Froelicher., D. Rist., and P. Ollitrault. 2003. Application of cleaved amplified polymorphic sequence method for analysis of cytoplasmic genome among *Aurantioideae* intergeneric somatic hybrids. *Journal of the America Society for Horticultural Science*. 2: 225–230.
- Marsolais, J.V., J.S. Pringle, and B.N. White. 1993. Assessment of random amplified polymorphic DNA (RAPD) as genetic markers for determining the origin of interspecific lilac hybrids. *Taxon* 42: 531-537.
- Matasyoh, L.G., J.C. Matasyoh, F.N. Wachira, M.G. Kinyua, A.W.M. Thairu, and T.K. Mukiana. 2007. Chemical composition and antimicrobial activity of the essential oil of *Ocimum gratissimum* L. growing in Eastern Kenya. *Afr. J. Biotechnol.* 6:760-765.
- Matra and D. Drajat. 2010. Genetic Variability Analysis of Mangosteen Based on Phenotype Characters and Microsatellite Molecular Marker in Four Production Center in java Island. *Thesis*. IPB Bogor
- Morton, J. 1987. Langsat (*Lansium domesticum* corr.). In *Fruits of Warm Climates* (Morton, J.F.). Florida Flair Books. Miami. Hal. 203
- Murray, M.G. dan W.F. Thompson. 1980. Rapid isolation of high molecular weight plant DNA. *Nucleic Acids Res* 8:4321–4325
- Padmalatha, K., M.N.V. Prasad. 2006. Optimization of DNA isolation and PCR protocol for RAPD analysis of selected medicinal and aromatic plants of

- conservation concern from Peninsular India. *African J. Biotech.* 5: 230-234
- Pandey, A.K. and M.J. Ali, 2012. Intraspecific variation in *Panax assamicus* Ban. population based on internal transcribed spacer (ITS) sequences of nrDNA. *India J. Biotech.* 11:30-38.
- Peist, R., D. Honsel, G. Twieling and D. Loffet. 2001. PCR inhibitors in plant DNA preparations. *QIAGEN News* 3:7-9.
- Pharmawati, M. 2009. Optimalisasi ekstraksi DNA dan PCR-RAPD pada *Grevillea* spp (Proteaceae). *Jurnal Biologi* 1:12 – 16
- Powell, W., G. D. Machray, and J. Provan. 1996. Polymorphic revealed by simple sequence repeats. *Trends Plant Sci.* 7:217-222.
- Puchooa, D. 2004. A simple rapid and efficient method for Extraction of Genomic DNA from lychee Litchi Chinensis Sonn. *Afr J Biotechnol* 4:253-255
- Qian, W., S. Ge, and D.Y. Hong. 2001. Genetic variation within and among populations of a wild rice *Oryza granulata* from China detected by RAPD and ISSR markers. *Theor. App. Genet.* 102:440-449.
- Radford A.E. 1986. *Fundamentals of Plants Systematics*. Harper and Row Publishers. Inc. New york. Hal. 498
- Sambrook, J., P. Maccallum dan D. Russell. 2001. *Molecular cloning: A Laboratory Manual, 3rd edition*, Cold Spring Harbor Laboratory Press. Hal. 1885
- Schrader, C., A. Schielke, L. Ellerbroek, and R. Johne. 2012. PCR inhibitors - occurrence, properties and removal. *Journal of Applied Microbiology* 1:1-13
- Sghaier, Z. A. dan C. Mohammed. 2005. Genomic DNA extraction method from pearl millet (*Pennisetum glaucum*) leaves. *Afr. J. Biotechnol.* 8:862-866.
- Singh G. 1999. *Plant Systematics*. Science Publishers Inc. USA. Hal. 561
- Soerianegara I, and E. Djamhuri. 1979. *Pemuliaan Pohon Hutan*. Bogor: Departemen Manajemen Kehutanan Fakultas Kehutanan Institut Pertanian Bogor. Hal. 198
- Song, B.K., M. M. Clyde, R. Wickneswari, M. N. Normah. 2000. Genetic Relatedness among *Lansium domesticum* Accessions Using RAPD Markers. *Annals of Botany* 86: 299-307
- Sunarti S. 1987. Anatomi Daun dan Taksonomi Duku, Kokosan, dan Pisitan. *Floribunda*. 4:13-16.

- Suparman. 2012. Markah Molekuler Dalam Identifikasi dan Analisis Kekerabatan Tumbuhan Serta Implikasinya Bagi Mata Kuliah Genetika. *Jurnal Bioedukasi*. 1: 59-68
- Supriatna, A. and Suparwoto. 2010. Teknologi Pembibitan Duku dan Prospek Pengembangannya. *Jurnal Litbang Pertanian* 1:19-24.
- Tan S. C. dan B.C. Yiap. 2009. DNA, RNA, and protein extraction: the past and the present. *J. Biomed. Biotechnol* 1-11 (On-line). <https://www.hindawi.com/journals/bmri/2009/574398/>
- Tan, H., M. Tie, L. Zhang, Y. Zhu, dan H. Li. 2013. The effects of three different grinding methods in DNA extraction of cowpea (*Vigna unguiculata* L. Walp). *African Journal of Biotechnology*. 16:1946 – 1951
- Te-chato, S., M. Lim, dan M. Masahiro. 2005. Comparison of cultivar identification methods of longking, langsung and duku: *Lansium* spp. *Songklanakarin J.Sci.Technol*. 3:465-472
- Tingey, S.V., J.A. Rafalski, and M.K. Hanafey.1994. *Genetic analysis with RAPD markers*. In: Coruzzi C, Puidormenech P (eds). Plant Molecular Biology. Springer, Berlin. Hal. 687
- Tobing, D. M. A. L., E. S. Bayu., and L. A. M. Siregar. 2013. Identifikasi karakter morfologi dalam penyusunan deskripsi jeruk siam (*Citrus nobilis*) di beberapa daerah Kabupaten Karo. *Jurnal Online Agroekoteknologi*. 1:72-85.
- Turner, P., A. McLennan, A. Bates, and M. white. 2005. Molecular Biology: Third Edition. Taylor and Francis Group. UK. Hal. 362
- Verbylaite, R., P. Beisys, V. Rimas dan S. Kuusiene. 2010. Comparison of ten DNA extraction protocols from wood of European Aspen (*Populus tremula* L.). *Baltic Forestry* 1:35 – 42
- Verheij, E.W.M. and R.E. Coronel. . *Plant Resources of South-East Asia No. 2: Edible fruits and nuts*. Pudoc, Wageningen, The Netherlands. Hal. 446
- Wang X, W. Tian, and Y. Li. 2008. Development of an efficient protocol of RNA isolation from recalcitrant tree tissues. *Mol. Biotechnol*. 38:57-64.
- Welsh, J. and M. Mc Clelland. 1990. Fingerprinting genomes using PCR with arbitrary primers. *Nucleic Acid Res*. 18: 7213-7218
- Weyant, R.S., P. Edmonds dan B. Swaminathan.1990. Effect of ionic and nonionic detergents on the Taq polymerase. *Biotechniques* 9:308–309.
- Williams, J.G.K, A.R. Kubelik, K.J. Livak, J.A. Rafalski, S.V. Tingey. 1990. DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. *Nucleic Acids Res*. 18:6531-6535

- Winarno, M., H. Sunarjono, Ismijati, and S. Kusumo. 1990. *Teknik Perbanyakan Cepat Buah-buahan Tropika*. Pusat Penelitian dan Pengembangan Hortikultura, Jakarta.
- Yee, T.F., A.N. Rao and C.J. Goh. 1993. Systematic anatomy of duku and langsung- *Lansium domesticum*. *J. Singapore Nat. Acad. Sci.*, 20:37-50.
- Yulita, K. S. 2011. Genetic variations of *Lansium domesticum* Corr. accessions from Java, Sumatra and Ceram based on Random Amplified Polymorphic DNA fingerprints. *Biodiversitas*. 3: 125 – 130.