

DAFTAR PUSTAKA

- Abdulmawjood, A., dan Buelte, M., 2001, Snail Species Identification by RFLP-PCR and Designing of Species-Specific Oligonucleotide Primers, *Journal of Food Science*, **66**: 1287-1293.
- Ali, M.E, Hashim.U., Mustafa, S., Che M. Y.B., Dhahi, Th. S., Kashif, M., Uddin, Md. K., dan Hamid, S. B. A., 2012, Analysis of Pork Adulteration in Commercial Meatballs Targeting Porcine-Specific Mitochondrial Cytochrome B Gene by TaqMan Probe Real-Time PCR, *Jurnal. Meat Science*, **91**: 454-459.
- Altschul, S., Gish, W., Miller, W., Myers, E. dan Lipman, D., 1990, Basic Local Alignment Search Tool, *Journal of Molecular Biology*, **215**(3): 403-410.
- Anonim^a, 2005, *ICH Harmonized Tripartite Guideline: Validation of Analytical Procedures*, International Conference on Harmonisation of Technical Requirements for Registration of Pharmaceuticals for Human Use.
- Anonim^b, 2010, Penduduk Menurut Wilayah dan Agama yang Dianut, <https://sp2010.bps.go.id/index.php/site/tabel?tid=321>, 16 Januari 2018.
- Anonim^c, 2012, Basic of Real Time PCR, *Life Technologies Corporation Inc.* C032085 0812.
- Anonim^d, 2014, *Real-Time PCR Handbook*, ed. Ketiga, Thermo Fisher Scientific.
- Anonim^e, 2016, Outlook Daging Sapi, Pusat Data dan Sistem Informasi Pertanian Sekretariat Jenderal Kementerian Pertanian, <http://epublikasi.setjen.pertanian.go.id/arsip-outlook/70-outlook-peternakan/415-outlook-daging-sapi-2016>, 31 Oktober 2017.
- Anonim^f, 2017, Bakso, <https://kbbi.web.id/bakso>, 9 Oktober 2017.
- Arya, Mani, Iqbal, S.S., Magali, W., Lyndon, G., Neehar, A. dan Hitendra, R.H. Patel, 2005, Basic Principles of Real-Time Quantitative PCR, *Review*, Future Drugs Ltd.
- Asy'ari, Mukhammad dan Noer, A. Saifuddin, 2005, Optimasi Konsentrasi MgCl₂ dan Suhu Annealing pada Proses Amplifikasi Multifragmens mtDNA dengan Metoda PCR, *Jurnal Kimia Sains dan Aplikasi*, Vol. VIII, Laboratorium Biokimia Jurusan Kimia FMIPA UNDIP, Semarang dan Laboratorium Rekayasa Genetika PAU Bioteknologi ITB, Bandung.
- Balia, R.L., Suryaningsih, L., dan Putranto, W.S., 2014, Pengujian Pemalsuan Bakso Dengan Babi Melalui Pendekatan Enzimatis dan Molekuler Pada UKM Di Kawasan Pendidikan Jatinangor Kabupaten Sumedang, *Jurnal Aplikasi Ipteks untuk Masyarakat*, **3**(2): 70-72, ISSN 1440-5675
- Ballin, N. Z., Vogensen, F. K., Karlsson, A. H., 2009, Species Determination – Can We Detect and Quantify Meat Adulteration, *Meat Science*, **83**: 165-174.
- Bellagamba, Federica, Vittorio, M. Moretti, Sergio, C., dan Franco, V., 2001, Identification of Species in Animal Feedstuffs by polymerase Chain Reaction-Restriction Fragment Length Polymorphism Analysis of Mitochondrial DNA, *J. Agric. Food Chem.*, **49**(8).

- Bio-Rad, 2006, Real-Time PCR Application Guide, *Bio-Rad Laboratories, Inc, USA*.
- Biotium, 2013, Safety Report of GelRed and GelGreen, *Nucleic Acid Detection Technologies*, <http://www.biotium.com>, 4 Maret 2018.
- Biotium, 2018, Evagreen® Dye for qPCR & Other Application, <https://biotium.com/technology/pcr-dna-amplification/evagreen-dye-for-qpcr/>, 16 Januari 2018.
- Borgo, R., Souty Grosset, C., Bouchon dan Gomot, D. L., 1996, PCR-RFLP Analysis of Mitochondrial DNA for Identification of Snail Meat Species, *Journal of Food Science*, **61**: 1-4.
- Boore, J.L., 1999, *Animal Mitochondrial Genomes*, Oxford University Press, Oxford.
- Branciari, R., Avellini, P., Sukasi, S. R., Antonio, E., dan Rea, S., 2000, PCR-RFLP Analysis (Polymerase Chain Reaction Restriction Fragment Length Polymorphism) for Species Determination in Heat Treated Meat Products, *Industrie Alimentarie*, **39**: 313-318.
- Broeders, S., Huber, I., Grohmann, L., Berben, G., Taverniers, I., Mazzara, M., Roosens, N., and Morisser, D., 2014, Guidelines for validation of qualitative real-time PCR methods, Elsevier: Trends in Food Science and Technology, **37**: 115-126.
- Butler, J.M., 2005, Forensic DNA Typing, 2nd Edition, *Elsevier Academic Press, Cambridge*.
- Cai, H., Gu, X., Scanlan, M.S., Ramatlapeng, D. H dan Lively, C. R., 2012, Real-Time PCR Assays for Detection and Quantitation of Porcine and Bovine DNA in Gelatin Mixtures and Gelatin Capsules, *Journal of Food Composition and Analysis*, **2154**: 1-5.
- Che Man, Y. B., Aida, A. A., Raha, A. A., Son, R., 2007, Identification of Pork Derivatives in Food Products by Species-Specific Polymerase Chain Reaction (PCR) for Halal Verification, *Food Control*, **17**: 885-889.
- Chen, Y., Wu, Y., Wang, J., Xu, B., Zhong, Z., dan Xia, J., 2009, Identification of Cervidae DNA in Feedstuff using A Real-Time Polymerase Chain Reaction Method with The New Fluorescence Intercalating Dye EvaGreen, *Journal of AOAC International*, **92**: 175-180.
- Clark, D., dan Pazdernik, N., 2005, *Molecular Biology: Understanding the Genetic Revolution*, Elsevier Academic Press, USA.
- Codex Alimentarius Commission, CAC/GL 74, 2010, Codex Guidelines on Performance Criteria and Validation of Methods for Detection, Identification, and Quantification of Specific DNA Sequences and Specific Proteins in Foods, *Codex Alimentarius Commission, Rome, Italy*.
- Compton, T., 1990, *Degenerate Primers for DNA Amplification*, pp. 39-45 in: *PCR Protocols* (Innis, Gelfand, Sninsky and White, eds.), Academic Press, New York.
- Dewi, Efi Qurnia, 2017, Desain dan Uji Kinerja Probe TaqMan Real-Time Polymerase Chain Reaction (RT - PCR) Spesifik Anjing (*Canis lupus familiaris*) dengan Gen Sitokrom-B DNA Mitokondria, *Skripsi*, Fakultas

Matematika dan ilmu Pengetahuan Alam Universitas Gadjah Mada, Yogyakarta.

- Dieffenbach, C.W., Lowe, T.M.J., dan Dveksler, G.S., 1995, *General Concepts for PCR Primer Design*, In: *PCR Primer, A Laboratory Manual*, Dieffenbach C.W., Dveksler, G.S. E., 133-155. Cold Spring Harbor Laboratory Press, New York.
- DITJENNAK, 2008, *Statistika Peternakan Indonesia Tahun 2007*, Direktorat Jenderal Peternakan, Jakarta.
- Dorak, M.T., 2007, *Real-Time PCR*, Taylor & Francis Group, New York.
- Doyle, K., 1996, *The Source of Discovery: Protocols and Applications Guide*, Promega, Madison, Wis.
- Fitriani, Nur Eka, 2016, Analisis DNA Sapi dengan Primer rRNA-12S Mitokondria dan Aplikasinya Dalam Deteksi DNA Sapi Pada Cangkang Kapsul Gelatin Menggunakan Real-Time PCR (Polymerase Chain Reaction), *Skripsi*, Universitas Gadjah Mada, Yogyakarta.
- Fornaslero, D., 1981, Circular Dichroism Spectra and The Interaction Between Acridine Dyes and Deoxyribonucleic Acid, *J. Phys.Chem.*, **85**: 613-618.
- Fredericq, E., Houssier, C., 1972, Study of The Interaction of DNA and Acridine Orange by Various Optical Methods, *Biopolymers*, **11**: 2281-2308.
- Galtier, N., Nabholz, B., Glemin, S. dan Hurst, G.D.D., 2009, Mitochondrial DNA as a Marker of Molecular Diversity: A Reappraisal, *Molecular Ecology*, **18**: 541-4550.
- Garibyan, Lilit, dan Nidhi, Avashia, 2013, Polymerase Chain Reaction, *Journal of Investigative Dermatology*, Vol. 133.
- Ginzinger, David G., 2002, Gene Quantification Using Real-Time Quantitative PCR: An Emerging Technology Hits The Mainstream, *Experimental Hematology*, **30**: 503-512.
- Girish, P. S., A. S. R. Anjaneyulu, K. N. Viswas, B. M. Shivakumar, M. Anand, M. Patel, dan B. Sharma, 2005, Meat Species Identification by Polymerase Chain Reaction Restriction Fragment Length Polymorphism (PCR-RFLP) of Mitochondrial 12S Rrna Gene, *Meat Sci*, **70**: 107-112.
- Gissi, C., Iannelli, F. dan Pesole, G., 2008, Evolution of The Mitochondrial Genome of Metazoa as Exemplified by Comparison of Congeneric Species, *Heredity*, **101**, 301-320 cit.
- Gonzales, Isabel, Maria, Rojas, Teresa, Garcia, dan Rosario, Martin, 2010, A Review of Current PCR-Based Methodologies For The Authentication of Meats from Game Animal Species, *Food and Science technology*, **21**: 408-421.
- Griffiths, C.S., 1997, Correlation of Functional Domains of Nucleotide Substitution In Cytochrome B [abstrak], *Mol Phylogenet Evol.*, **7**(3): 352-365.
- Handoyo, Darmo dan Rudiretna, Ari, 2001, Prinsip Umum dan Pelaksanaan Polymerase Chain Reaction (PCR), *Unitas*, **9**(1), Pusat Studi Bioteknologi Universitas Surabaya, Surabaya.

- Hanuraga, R.A., 2014, Aplikasi High Resolution Melting Analysis (HRMA) dalam RT PCR Bertarget Gen Cytochrome C Oxydase, *Skripsi*, Universitas Gadjah Mada, Yogyakarta.
- Hebert, P.D.N., Stoeckle, M.Y., Zemplak, T.S., dan Francis, C.M., 2004, Identification of Birds Through DNA Barcodes, *PLoS Biol.*, **2**(10): 1657-1663.
- Held, P., 2001, Nucleic Acid Purity Assessment using A260/A280 Ratios, *BioTechniques. Applications Dept, BioTek Instruments, Inc.*
- Higuchi, R., Fockler, C., Dollinger, G., and Watson, R., 1993, *Bio/Technology*, **11**: 1026-1030.
- Hird, H., Chisholm, J., dan Brown, J., 2005, The Detection of Commercial Duck Species in Food using a Single Probe-Multiple Species-Specific Primer Real-Time PCR Assay, *European Food Research and Technology*, **221**(3): 559-563.
- Holme, D.J., dan Hazel, 1998, *Analytical Biochemistry*, 3rd ed, Addison Wesley Longman, London.
- Huang, Q., Baum, L., Fu, W.L., 2010, Simple and Practical Staining of DNA with Gelred in Agarose Gel Electrophoresis, *Clin Lab*, **56**: 149-152.
- Innis, A.M., dan Gelfand, H.D., 1990, PCR Protocols a Guide to Methods and Applications, Academic Press, Inc., California.
- Irwin, D.M., Kocher, T.D., dan Wilson, A.C., 1991, Evolution of The Cytochrome B Gene of Mammals [abstrak], *J Mol Evol*, **32**(2): 128-144.
- Jabatan Kemajuan Islam Malaysia-JAKIM, 2004, *Guidelines of Foods, Drinks and Goods Utilized by Muslim*.
- Kartavtsev, Y.P., dan Lee, J., 2006, Analysis of Nucleotide Diversity at The Cytochrome b and Cytochrome Oxidase 1 Genes at The Population, *Russ. J. Genet.*, **42**(4): 341-362.
- Kheyrodin, H., dan Khosro, G., 2012, DNA Purification and Isolation of Genomic DNA from Bacterial Species by Plasmid Purification System, *Afr. J. Agric. Res.*, **7**(3): 433-442.
- Klein, Dieter, 2002, Quantification Using Real-Time PCR Technology: Applications dan Limitations, *Molecular Medicine*, **8**(6).
- Kubota, Y., Steiner, R. F., 1977, Fluorescence Decay and Quantum Yield Characteristics of Acridine Orange and Proflavine Bound to DNA, *Biophys. Chem.*, **6**: 279-289.
- Kumar, A., Kumar, R., Sharma, B., Gokulakrishnan, P., Mendiratta, S., dan Sharma, D, 2013, Identification of Species Origin of Meat and Meat Products on The DNA Basis: a review, *Critical Reviews in Food Science and Nutrition*, **55**: 1340-1351.
- Laube, I., Zagon, J., dan Broll, H., 2007a, Quantitative Determination of Commercially Relevant Species in Foods by Real-Time PCR, *International Journal of Food Science & Technology*, **42**(3): 336-341.
- Li, W., dan D. Graur, 1991, Fundamental of Molecular Evolution. Sinauer Associates, Inc., Sunderland.

- Livak, K.J., dan Schmittgen T.D., 2001, Analysis of Relative Gene Expression Data Using Real-Time Quantitative PCR and the $2^{-\Delta\Delta CT}$ Method, *Methods*, **25**: 402-408.
- Lockley, A., dan Bardsley, R, 2000, DNA-Based Methods for Food Authentication, *Trends in Food Science & Technology*, **11**: 67-77.
- Lyon, E., 2001, Mutation Detection using Fluorescent Hybridization Probes and Melting Curve Analysis, *Expert Rev. Mol. Diagn.*, **1**: 92-101
- Loppnow, G.R., Shoute, L.C.T., 2018, Characterization of The Binding Interactions Between EvaGreen Dye and dsDNA, *Phys. Chem. Chem. Phys.*, Royal Society of Chemistry.
- Lunn, G., dan Sansone, E.B., 1987, Ethidium Bromide: Destruction and Decontamination of Pollutions, *Anal. Biochem.*, **162**: 453-458.
- Madden, T., 2002, The BLAST Sequence Analysis Tool, dalam Jo McEntrye, Jim Ostell (Eds), *The NCBI Handbook*, National Center for Biotechnology Information (US).
- Malisa, A.L.P., Gwakisa, S., Bhaltazary, S.K., Wasser, B.M., dan Mutayoba, 2006, The Potential of Mitochondrial DNA Markers and Polymerase Chain Reaction-restriction Fragment Length Polymorphism for Domestic and Wild Species Identification, *African of Biotechnology* **5**(8): 1588.
- Maryam, St., Sismindari; Raharjo, T.J., Sudjadi, dan Rohman, A, 2016, Analysis of Porcine Contamination in Dendeng Using Mitochondrial D-Loop 686 and Cyt B Gene Primers by Real Time Polymerase Chain Reaction, *International Journal of Food Properties*, **19**: 187-195.
- Mao, *et al*, 2007, Characterization of EvaGreen Dye and The Implication of Its Physicochemical Properties for qPCR Applications, *BMC Biotechnology*, **7**(76).
- Melton, T., 1999, *Learn About Mitochondrial DNA*, LLC: Mitotyping Technol.
- Meyer, R., Hoefelein, C., Luethy, J., dan Candrian, U., 1995, Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Analysis: A Simple Method for Species Identification In Food, *Journal AOAC International*, **78**: 1542-1551.
- Mount, D.W, 2004, *Bioinformatic: Sequence and Genome Analysis*, second edition, CSHL Press, New York.
- Muhammad, M.A., B.S.C. Bindu, R. Jini, K.V.H. Prashanth and N. Bhaskar, 2015, Evaluation of different DNA extraction methods for the detection of adulteration in raw and processed meat through Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP), *Journal of Food and Sciences Technology*, **52**: 514-520.
- Muladno, 2010, *Teknologi Rekayasa Genetika*, IPB Press, Bogor.
- Mullis, K., F. Faloona, S. Scharf, R. Saiki, G. Horn, dan H. Erlich, 1986, Specific Enzymatic Amplification of DNA In Vitro: The Polymerase Chain Reaction, *Cold Spring Harb. Symp. Quant. Biol.*, **51**: 263-273.
- Murray, B. W., McClymont, R. A., dan Strobeck, C., 1995, Forensic Identification of Ungulate Species Using Restriction Fragment Digests of PCR Amplified Mitochondrial DNA, *Journal of Forensic Science*, **40**: 943-951.

- Mursyidi, A., 2013, The Role of Analytical Chemistry in Halal Certification, *Journal of Food and Pharmaceutical Sciences*, **1**: 1-4.
- Ningtyas, D.C., 2014, Identifikasi Cemaran Daging Tikus dalam Bakso Sapi Menggunakan Primer Spesifik Gen Cytochrome B DNA Mitokondria Tikus dengan Metode RT PCR, *Skripsi*, Fakultas Farmasi UGM, Yogyakarta.
- Nuraini, H. A., Primasari, E. Andreas dan C. Sumantri, 2012, The Use of Cytochrome b as A Specific Marker of The Rat Meat (*Rattus norvegicus*) on Meat and Meat Products, *Media Peternakan*, 15-20.
- Nuryanti, I., 2014, Uji Spesifisitas Metode Cemaran Daging Tikus dalam Bakso Sapi Menggunakan Teknik *Polymerase Chain Reaction* (PCR)-Primer Spesifik Berdasarkan Urutan DNA Mitokondria, *Tesis*, Program S2 Kimia Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gadjah Mada, Yogyakarta.
- Park, C. B., dan Larsson, N.G., 2011, Mitochondrial DNA Mutation in Disease and Aging, *J. Cell Biol.*, **193**(5): 809-818.
- Pestana, E.A., 2010, Early Rapid, and Sensitive Veterinary Molecular Diagnostics-Real-time PCR Applications, *Springer Science & Business Media B.V.*, Dordrecht.
- Purnomo, H. dan Rahardiyani, D., 2008, Review Article: Indonesian traditional Meatball, *International Food Research Journal*, **15**: 101-108.
- Putra, Wisma, 2018, Polisi: Daging Anjing dari Baleendah Bandung Dijual ke Jakarta, <https://news.detik.com/berita-jawa-barat/d-3824070/polisi-daging-anjing-dari-baleendah-bandung-dijual-ke-jakarta>, 16 Januari 2018.
- Rahman, Md. M., Md. Eaqub A., Sharifah, B.A.H., Shuhaimi, M., Subha, B dan Uda, H., 2014, Polymerase Chain Reaction Assay Targeting Cytochrome b Gene for the detection of Dog Meat Adulteration in Meatball Formulation, *Meat science*, **97**: 404-409
- Rahmati, S., Julkapli, N.M., Yehye, W.A., dan Basirun, W.J., 2016, Identification of Meat Origin in Food Products: A review, *Food Control*, **68**: 379-390.
- Rahmawati, Sismindari, Tri Joko Raharjo, Sudjadi, dan Abdul Rohman, 2016, Analysis of Pork Contamination in Abon Using Mitochondrial Dloop22 Primers Using Real Time Polymerase Chain Reaction Method, *International Food Research Journal*, **23**(1): 370-374.
- Ririe, Kirk M., Randy P. Rasmussen, dan Carl T. Wittwer, 1997, Product Differentiation by Analysis of DNA Melting Curves during the Polymerase Chain Reaction, *Analytical Biochemistry*, **245**: 154-160.
- Robin, E. D., dan Wong, R., 1988, Mitochondrial DNA Molecules and Virtual Number of Mitochondria per Cell in Mammalian Cells, *Journal of Cellular Physiology*, **136**(3): 507-513.
- Rodriguez, M. A., Garcia, T., Gonzalez, I., Asensio, L., Mayoral, B., Lopez-Calleja, I., et al., 2003, Identification of Goose, Mule Duck, Chicken, Turkey, and Swine in Foie Gras by Species-Specific Polymerase Chain Reaction, *Journal of Agricultural and Food Chemistry*, **51**(6): 1524-1529.
- Rohman, A. dan Man, Y.B.C., 2012, Analysis of Pig Derivatives for Halal Authentication Studies, *Food Review International*, **28**: 97-112.

- Roux, K.H., 1995, Optimization and Troubleshooting in PCR, *Genome Research*, **4**: 185-194.
- Rochelle, P.A., Leon, R.D., Stewart, M.H., dan Wolfe, R.L., 1997, Comparison of Primers and Optimization of PCR Conditions for Detection of *Cryptosporidium Parvum* and *Giardia Lamblia* in Water, *Applied and Environmental Microbiology*, **63**: 106-114.
- Safdar, M., dan Abasiyanik, M. F., 2013, Development of Fast Multiplex Real-Time PCR Assays Based on Evagreen Fluorescence Dye for Identification Of Beef and Soybean Origins in Processed Sausages, *Food Research International*, **54**: 1652-1656.
- Sakalar, E., dan Kaynak, A., 2016, Practical Molecular Detection Method of Beef and Pork in Meat and Meat Products by Intercalating Dye Based Duplex Real-Time Polymerase Chain Reaction, *International Journal of Food Properties*, **19**: 31-40.
- Sambrook, J., E.F. Fritsch dan T. Maniatis, 1989, *Molecular Cloning*, Cold Spring Harbor Laboratory Press, USA.
- Sambrook, J., dan Russel, D. W., 2001, *Molecular Cloning: A Laboratory Manual*, Cold Spring Harbor Laboratory Press, New York.
- Santos, C.G., Melo, V.S., Amaral, J.S., Estevinho, L., Oliveira, M.B.P.P., dan Mafra, I., 2012, Identification of Hare Meat by A Species-Specific Marker of Mitochondrial Origin, *Meat Science*, **90**: 836-841.
- Sayed, M., Krishnamurthy, B. dan Pal, H., 2016, Unraveling Multiplebinding Modes of Acridine Orange to DNA Using a Multispectroscopic Approach, *Phys. Chem. Chem. Phys.*, **18**: 24642–24653.
- SNI 3818, 2014, *Bakso Daging*, Badan Standarisasi Nasional, Jakarta.
- Soares, S., Amaral, J.S., Olivera, M.B.P.P., dan Mafra, I., 2013, A SYBR Green real-time PCR assay to detect and quantify pork meet in processed poultry meat products, *Meat Science*, **94**: 115-120.
- Solihin, Dedy Duryadi, 1994, *Ulas Balik Peran DNA Mitokondria (mtDNA) dalam Studi Keragaman Genetik dan Biologi Populasi pada Hewan*, ISSN 0854-8587, FMIPA IPB, Bogor.
- Sucahyo, Nurhadi, 2015, *Konsumsi Daging Anjing di Indonesia Masih Tinggi*, <http://nationalgeographic.co.id/berita/2015/10/konsumsi-daging-anjing-di-indonesia-masih-tinggi>, 16 Januari 2018.
- Sudjadi, Wardani, S.H., Sepminarti, T., dan Rohman, A., 2016, Analysis of Porcine Gelatin DNA in a Commercial Capsule Shell Using Real-Time Polymerase Chain Reaction for Halal Authentication, *International Journal of Food Properties*, **19**(9): 2127-2134.
- Sukirman, Ecep, 2016, *Daging Anjing Diolah Jadi Makanan di Bandung Raya*, <http://www.pikiran-rakyat.com/bandung-raya/2016/12/05/daging-anjing-diolah-jadi-makanan-di-bandung-raya-386953>, 31 Oktober 2017.
- Suradi, Kusmajadi, 2007, Tingkat Kesukaan Bakso dari Berbagai Jenis Daging Melalui Beberapa Pendekatan Statistik, *Jurnal Ilmu Ternak*, **7**(1): 52-57.

- Svec, D., A. Tichopad, V. Novosadova, M.W. Pfaffl and M. Kubista, 2015, How good is a PCR efficiency estimate: Recommendations for precise and robust qPCR efficiency assessments. *Biomol. Detection Quantification*, **3**: 9-16.
- Taberlet, P, 1996, The Use of Mitochondrial DNA Control Region Sequencing in Conservation Genetics, dalam: Smith, T.B. dan R.K. Wayne (Eds), 1996, *Molecular Genetic Approaches in Conservation*, Oxford University Press, New York. pp. 125-142.
- Taylor, R.W., Turnbull, D.M., 2005, Mitochondrial DNA Mutations in Human Disease, *Nat Rev Genet*, **6**(5): 389-402.
- Toren, D., Barzilay, T., Tacutu, R., Lehmann, G., Muradian, K.K., dan fraifeld, V.E., 2016, MitoAge: A Database for Comparative Analysis of Mitochondrial DNA, with a Special Focus on Animal Longevity, *Nucleic Acids Research*, **44**(1): 1262-1265.
- Tully G, Bar W, Brinkmann B, Carracedo A, Gill P, Morling N, Parson W, dan Schneider P, 2001, Considerations by The European DNA Profiling (EDNAP) Group on The Working Practice, Nomenclature and Interpretation of Mitochondrial DNA profiles, *Forensic Sci Int*, **124**: 83-91.
- U.S. National Library of Medicine, 2014, What is mitochondrial DNA?, *Genetics Home Reference*, URL: <http://ghr.nlm.nih.gov/handbook/basics/mtdna>, 9 Oktober 2017.
- Van Pelt-Verkuil, E., Van Belkum, A., dan Hays, J.P., 2008, Principles and Technical Aspects of Real-Time PCR Amplification, *Springer*, 119-139.
- Wahab, Ahmad Robin, 2004, Guidelines for The Preparation of Halal Food and Goods for The Muslim Consumers, *AmalMerge (M) Halal and Food Safety Institute*.
- Walker, J.M., Rapley, R., 2009, *Molecular Biology and Biotechnology*, 5th edition, 125, Royal Society and Chemistry, UK.
- Wallace, D.C., 1997, Mitochondrial DNA in Aging Disease, *Scientific American*, **22**: 179-181.
- Wang, X., dan Seed, B., 2007, High-throughput Primer and Probe Design, dalam Dorak, M.T. (Ed.), *Real Time PCR*, Taylor & Francis Group.
- Watson, E. Foster, P., Richards, M., dan Bandelt, H., 1997, Mitochondrial Footprints of Human Expansions in Africa, *Am. J. Hum. Genet.*, **61**(3): 691-704.
- Whitehouse, D.B., 2009, Genes dan Genomes, dalam: Walker, John M, Ralph Rapley, (Eds), *Molecular Biology and Biotechnology*, *The Royal Society of Chemistry*, 122-126.
- Widayanti, R., 2006, Kajian Penanda Genetik Gen *Cytochrome b* dan Daerah D-Loop pada *Tarsius* sp., Disertasi, Sekolah Pascasarjana, Institut Pertanian Bogor, Bogor.
- Widyasari, Yanita Ika, 2015, Analisis Campuran Daging Tikus dalam Bakso Sapi Menggunakan Primer Cytb DNA Mitokondria dengan Metode Real Time Polymerase Chain Reaction, *Tesis*, Universitas Gadjah Mada, Yogyakarta.
- Wittwer, C. T., Reed, G. B., dan Ririe, K. M., 1994, In The Polymerase Chain Reaction (Mullis, K. B., Ferre, F., dan Gibbs, R. A., Eds.), pp. 174-181, Birkhauser, Boston.

Ye, *et al.*, 2012, Primer-BLAST: A Tool to Design Target-Specific Primers for
PCR, *BMC Bioinformatics*, **13**: 134.