

DAFTAR PUSTAKA

- Aida AA, Che Man YB, Wong CM, Raha AR, Son R. 2005. Analysis of raw meats and fats of pigs using polymerase chain reaction for Halal authentication. *Meat Sci.* 69:47–52.
- Ali, M. E., Hashim, U., Mustafa, S., Che Man, Y. B., Dhahi, T. S. and Kashif, M., 2012. Analysis of pork adulteration in commercial meatballs targeting porcine specific mitochondrial cytochrome b gene by TaqMan probe real- time polymerase chain reaction. *Meat Sci.*, 91(4), 454–459.
- Appa Rao. K.B.C., Bhat. K. V., Totey. S. M. 1996. Detection of species-specific markers in farm animals through random amplified polymorphic DNA (RAPD). *Genetic Analysis: Biomolecular Engineering* 13 (1996) 135-138.
- Bio-Rad, 2006, Real Time PCR Application Guide, Bio-Rad Laboratories, Inc, USA
- Birstein VJ, Desakke R. 1998. Molecular phylogeny of acipenserinae. molecular phylogeny. *Mol Phylogenet Evol.* 9:141–155.
- Borah, P., 2011, Primer Designing for *PCR*, Departement of Microbiology, College of Veterinary Science, Assam Agriculture University, *Guwahati*, India, ISSN : 2229-6026.
- Broeders, S., Huber, I., Grohman, I., Berben, G., Taverniers, I., Mazzara, M., Roosens, N., dan Moorisset, D. 2014. Guidelines for Validation of Qualitative Real Time PCR Methods, *Trends in Food Science and Technology*, 37:115-126.
- Bustin S. A.; Benes, V.; Nolan, T. dan Pfaffl, M. W. 2009. Quantitative Real-time RT-PCR-a perspective. *J. Mol. Endocrinol.* **34** (3): 597–601.
- CAC/GL 74., 2010, Guidelines on performance criteria and validation of methods of detection, identification and quantification of specific DNA sequences and specific proteins in foods*, hal 1-22.

- Camma, C., Domenico, M.D., dan Monaco, F. 2012. Development and validation of fast RT-PCR assays for species identification in raw and cooked meat mixtures. *Food Control*, 23: 400-404.
- Che Man, Y. B., Mustafa, S., Khairil Mokhtar, N. F., Nordin, R., and Sazili, A. Q., 2012, Porcine-Specific Polymerase Chain Reaction Assay Based on Mitochondrial D-Loop Gene for Identification of Pork in Raw Meat. *Int. J. Food Prop.*, 15(1), 134–144.
- Dieffenbach, C.W., Lowe, T.M.J., Dveksler, G.S., 1993, General Concepts for PCR Primer Design. *PCR Method and Application*. Spring Harbor Laboratory Press.
- Erwanto, Y., Mohammad, Z.A., Eko, Y.P.M., Sugiyono, dan Abdul, R. 2014. Identification of pork contamination in meatballs of Indonesian local market using polymerase chain reaction-restriction fragment length polymorphism analysis. *The Asian Australas. J. Anim. Sci.* 27(10) : 1487-1492.
- Esposti DM, De Vries S, Crimi M, Ghelli A, Patarnello T, Meyer A. 1993. Mitochondrial cytochrome b: evolution and structure of the protein. *Biochim Biophys Acta*. 1143:243–271.
- Fajardo, V., Gonzales, I., Martin, I., Rojas, M., Hernandez, P.E., Garet, T. 2008. Differentiation of European wildboar and domestic swine meats by PCR analysis targeting the mitochondrial d-loop and nuclear melanocortin receptor 1 genes. *Meat sciences*. 78:314-322.
- Ghovvati, S., Nassiri, M.R., Mirhoseinu, S.Z., Moussavi, A.H., dan Javadmanesg, A., 2007, Fraud identification in industrial meat products by multiplex PCR assay, *Food Control*, **20** : 696–699
- Giss, J., Parker, L.C., Sheffield, C., dan Hanner, R., 2009, DNA barcoding and the mediocrity of morphology. *Molecular Ecology Resources*, **9**, 42-50.
- Guntarty, A., Martono, S., Yuswanto, A. And Rohman, A., 2017, Analysis of Beef Meatball Adulteration with Wild Boar Meat Using Real-Time Polymerase Chain Reaction, *International Food Research Journal*, 24(6): 2451-2455

- Hartatik, T. 2019. Analisis Genetik Ternak Lokal. UGM Press. Yogyakarta.
- Hartwell, L., Hood, L., and Goldberg, M. L., 2008, *Genetics: from genes to genomes*. Granite Hill Publishers. Diakses dari Held, P., n.d. Nucleic acid purity assessment using A260/A280 ratios. *Bio Tek Instrum. Inc*, 1–5.
- Hseish, H.M., Chiang, H.L., Tsai, L.C., Lai, S.Y., Huang, N.E., Linacre, A., dan Lee, J.C.I., 2001, Cytochrome b Gene for Species Identification of the Conservation Animal, *Forensic Science International*, 122, 7-18.
- ISO/IEC 17025, (2005). Persyaratan Umum Kompetensi Laboratorium Pengujian dan Laboratorium Kalibrasi.
- Kesmen, Z., Sahin, F., dan Yetim, H., 2007. PCR assay for the identification of animal species in cooked sausages. *Meat Sci.*, 77(4), 649–653.
- Kocher, T. D. Thomas, A., Meyer, S. V. Edwards, S. dan Paabo, F. X. 1989. Dynamic of mitochondrial DNA evolution in animals amplification and sequencing with conserved primers. *Proceedings of the National Academy of Science of the USA* 86: 6169-6200.
- Maede, D., 2006, A Strategy For Molecular Species Detection In Meat Products By PCR-RFLP and DNA Sequencing Using Mitochondrial and Chromosomal Genetic Sequences, *Eur Food Res technol*, 224: 209-217.
- Maryam, S., Siswindari, Raharjo, T. J., Sudjadi and Rohman, A., 2016, Determination of Porcine Contamination in Laboratory Prepared dendeng Using Mitochondrial D-Loop686 and cyt b Gene Primers by Real Time Polymerase Chain Reaction, *International Food Research Journal*, 19:187–195.
- Miguel, A.R., Garcia, T., Gonzalws, I., Asensio, I., Hernandes, P.E., dan Martin, R., 2004, PCR identification of beef, sheep, goat and pork in raw and heat treated meat mixtures. *J Food Protect* 67:172-77.
- Muladno. 2010. Teknologi Reayasa Genetik. Edisi Kedua. Institut Pertanian Bogor. Bogor

- Novianty, E., Kartikasari, L.R., Lee, J.H., Cahyadi, M., 2017, Identification of pork contamination in meatball using genetic marker mitochondrial DNA cytochrome b gene by duplex-PCR, *International Conference On Food Science and Engineering*, 193: 1-5
- Novianty, E., Kartikasari, L.R., Lee, J.H., Cahyadi, M., 2017, Identification of pork contamination in meatball using genetic marker mitochondrial DNA cytochrome b gene by duplex-PCR, *International Conference On Food Science and Engineering*, 193: 1-5
- Nuraini, H., A. Primasari, E. Andreas, dan C. Sumantri, 2012. The Use of Cytochrome b Gene as a Specific Marker of the Rat Meat (*Rattus norvegicus*) on Meat and Meat Products. *Media Peternakan*, 15 - 20.
- Park, C. B. dan Larsson, N.G. 2011. Mitochondrial DNA Mutation in Disease and aging. *J.Cell Biology*. 192(5), 809-818.
- Pfaffl, M. W., 2004, Quantification strategies in real-time PCR. In *A-Z of quantitative PCR*. Edited by Bustin SA. La Jolla, CA, International University Line. Pp:87–112.
- Primasari, A. 2011. Sensivitas Gen Sitokrom B (Cyt B) sebagai marka spesifik pada Genus *Rattus* dan *Mus* untuk menjamin Keamanan Pangan Asal Daging. Bogor. IPB.
- Purwantini, D. Yuwanta T. Hartatik dan Ismoyowati. 2013. Polymorphism of D-loop Mitochondria DNA Region and Phylogenetic in Five Indonesian Native Duck Population. *International Journal of Poultry Science*, 12 (1):55-63
- Putri, Amaliah., A. 2018. Identifikasi Kandungan Daging Babi pada Bakso menggunakan Metode RT-PCR. Edoc UII. Yogyakarta.
- Roukohen, M. 2001. Phylogeography and Conservation Genetics of the Lesser White-fronted Goose. Dissertation. Finlandia : Department of Biology University of Oulu.
- Saiki RK, Gelfand DH, Stoffel S, Scharf SJ, Higuchi R, Horn GT, et al. 1988. Primer-directed enzymatic amplification of DNA with a thermostable DNA polymerase. *Science*. 239:487–491.

- Sambrook, J. and Russell, D.W., 1989, *Molecular Cloning, A Laboratory Manual*, 3rd ed. Cold Spring Harbur Lab. Press, New York
- Sambrook, J., Fritsch, E.F. dan T.A. Maniatis, 1989, *Molecular Cloning: A Laboratory Manual*. 2nd Ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY., USA., 13: 397, ISBN-13: 9780879695774
- Siagian, P.H. 2014. *Pig Production in Indonesia*. Animal Genetic Resouces Knoeledge Bank in Taiwan. IPB Press. Bogor.
- Stanta, G. 2011. *Guidelines for molecular analysis in archive tissues*. Springer. DOI:10.1007/978-3-642-17890-0.
- Sumida, M. Kaneda H. Kato. Kanamori Y. Yanekawa H dan Nishioka M. 2000. Sequence Variation and Structural Conservation of D-loop Region and Flanking Genes Genet Syst, 75:79-92.
- Tanabe, S., Miyauchi E., Muneshie, A. and Mio, K., 2007, PCR method of detecting pork in foods for verifying allergen labeling and for identifying hidden pork ingredients in processed foods. Biosci. Biotechnol. *Biochem.* 71(7):1663-1667.
- Taufiq, R., Sismindari, Raharjo, T.J., Sudjadi and Rohman, A., 2016, Analysis of pork contamination in Abon using mitochondrial D-Loop22 primers using real time polymerase chain reaction method, *International Food Research Journal* 23(1): 370-374.
- Taufiq, Sismindari, Raharjo, T.J., Sudjadi and Rohman, A., 2016, Analysis of pork contamination in Abon using mitochondrial D-Loop22 primers using real time polymerase chain reaction method, *International Food Research Journal* 23(1): 370-374.
- Thornton, B. dan Basu, C., 2011, Real-Time PCR (qPCR) Primer Design Using Free Online Software. *Biochemistry and Molecular Biology Education*, 145-154.
- Tjondro, F. and Sismindari, 2012, Detection of pork in burger using real time PCR with LEF Primers. In the 2nd International Seminar of Halalness and Safety of Food and Pharmaceutical Produts; 2012 Oct 17 – 18; Univesitas Gadjah Mada, Yogyakarta.

- Unajak, S., P. Meesawat, K. Anyamaneeratch, D. Anuwareepong, K. Srikulnath, and K. Choowongkamon. 2011. Identification of species (meat and blood samples) using nested-PCR analysis of mitochondrial DNA. *Afr. J. Biotechnol.* 10:5670- 5676.
- Usman. 1997. Mesin Produksinya Satu. *Jurnal Halal* 17 (3): 8-14.
- Van Pelt-Verkuil, E., Van Belkum, A., dan Hays, J.P. 2008. Principles and technical aspects of RT-PCR amplification. 119-139 springer, Germany.
- Williams, J. G. K., A. R. Kubelik, K. J. Livak, J. A. Rafalski and S. V. Tingey. 1990. DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. *Nucleic Acids Res.* 18: 6531-6535.
- Wolf C, Hubner P, Luthy J. 1999. Differentiation of sturgeon species by PCR-RFLP. *Food Res Int.* 32:699–705.
- Ye, Coulouris G., Zaretskaya I., Cutcutache I., Rozen S., dan Madden T.L., 2012, Primer-BLAST: A Tool to Design Target-Specific Primers for PCR, *BMC Bioinformatics*, **13** : 134.