

## DAFTAR PUSTAKA

- Anh, N.T.L., Kunhareang, S., & Duangjinda, M. 2015. Association of chicken growth hormones and insulin-like growth factor gene polymorphisms with growth performance and carcass traits in thai broilers. *AJAS*, 28(12): 1686-1695.
- Atawodi, S.E., Atawodi, J.C., & Dzikwi, A.A. 2011. Polymerase chain reaction: theory, practice and application: a review. *Sahel Medical Journal*, 13(2): 54-63.
- Banfi, G., Salvagno, G.L., & Lippi, G. 2007. The role of ethylenedimine tetraacetic acid (EDTA) as in vitro anticoagulant for diagnostic purposes. *Clinical Chemistry and Laboratory Medicine*, 45(5): 565-76.
- Damayanti, P.A. 2020. Asosiasi polimorfisme gen chicken growth hormone (cGH) terhadap pertumbuhan Ayam F<sub>4</sub> golden kamper (*Gallus gallus* Linnaeus, 1758). *Skripsi*. Universitas Gadjah Mada. Yogyakarta.
- Daryono, B.S. & Perdamaian A.B.I. 2019. *Karakterisasi dan keragaman genetik ayam lokal Indonesia*. Gadjah mada University Press. Yogyakarta.
- Dewanata, P.A. & Mushlih, M. 2021. Differences in dna purity test using uv-vis spectrophotometer and nanodrop spectrophotometer in type 2 diabetes mellitus patients. *Indonesian Journal of Innovation Studies*, 15: 2-7.
- Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu (DPMPTSP). 2021. *Ayam Pelung*. <https://dpmptsp.cianjurkab.go.id/post/read/105/ayam-Pelung.html>. Diakses pada 2 April 2022, jam 20.40.
- Franca, L.T.C., Kist, T.B.L., & Carrilho, E. 2002. A review of DNA sequencing techniques. *Quarterly Reviews of Biophysics*, 35(2): 169-200.
- Fjelstrup, S., Andersen, M.B., Thomsen, J., Wang, J., Stougaard, M., Pedersen, F.S., Ho, Y.P., Hede, M.S., & Knudsen, B.R. 2017. *Sensors*, 17(6): 1201.
- Gautam, A. 2022. *DNA isolation by chelex method. in: dna and rna isolation techniques for non-experts. techniques in life science and biomedicine for the non-expert*. Springer, Cham.
- Ghelghachi, A.A., Seyedabadi, H.R., & Lak, A. 2013. Association of growth hormone gene polymorphism with growth and fatness traits in Arian broilers. *International Journal of Biosciences*, 3(12): 216-220.
- Gle´min, S., Ronfort, J., & Bataillon, T. 2003. Patterns of inbreeding depression and architecture of the load in subdivided populations. *Genetics*, 165: 2193-2212.
- Habibah, I. 2018. Karakter fenotip, koefisien inbreeding dan polimorfisme gen ctyr intron 4 pada ayam (*Gallus gallus gallus* linnaeus, 1758) hibrida golden kamper. *Skripsi*. Universitas Gadjah Mada, Yogyakarta.
- Hartwell, L.H., Hood, L., Goldberg, M.L., Reynolds, A.E., & Silver, L.M. 2011. *Genetics: from genes to genomes*. 4<sup>th</sup> Edition. McGraw-Hill. New York.

- Hutt, F.B. 2003. *Genetics of the fowl: the classic guide to chicken genetics and poultry breeding*. Norton Creek Press. New York.
- Hutu, I., Oldenbroek, K., & Waaij, L.V.D. 2020. *Animal breeding and husbandry*. Agroprint. Timisoara.
- Ip, S.C.Y., Zhang, X., & Leung, F.C. 2001. Genomic growth hormone gene polymorphisms in native chinese chickens. *Experimental Biology and Medicine*, 226(5): 458-62.
- Integrated Taxonomic Information System (ITIS). 2022. *Gallus gallus* (Linnaeus, 1758). [https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=176086#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=176086#null). Diakses 1 April 2022, jam 22.20.
- Jehan, T. & Lakhanpaul, S. 2006. Single nucleotide polymorphism (SNP)—methods and applications in plant genetics: a review. *Indian Journal of Biotechnology*, 5(4): 435-459.
- Jo, B. & Choi, S.S. 2015. Introns: the functional benefits of introns in genomes. *Genomics Inform*, 13(4): 112-118.
- Johnson, A.D. 2010. An extended IUPAC nomenclature code for polymorphic nucleic acids. *Bioinformatics*, 26(10): 1336-1389.
- Lawal, R.A. & Hanotte, O. 2021. Domestic chicken diversity: Origin, distribution, and adaptation. *Animal Genetics*, 52: 385-394.
- Lesmana, I. 2016. Asosiasi polimorfisme promoter gen FSHR dengan perkembangan folikel ovarium ayam hibrida [*Gallus gallus gallus* (Linnaeus, 1758)] hasil persilangan ras petelur dengan Pelung. Tesis. Universitas Gadjah Mada, Yogyakarta.
- Lohmann, T. 2016. *Lohmann brown-classic*. <http://www.ltz.de/en/Layers/alternative-housing/lohmann-brown-classic.php>. Diakses pada 29 Maret 2022, jam 21.30.
- Kementan RI. 2019. *Kelebihan dan kekurangan ternak Ayam KUB*. <http://bbppkupang.bppsdp.pertanian.go.id/blog/post/kelebihan-dan-kekurangan-ternak-ayam-kub#:~:text=Kekurangan%20ayam%20KUB&text=Pakannya%20juga%20relatif%20lebih%20mahal,pakannya%20pun%20relatif%20lebih%20banyak>. Diakses tanggal 31 Maret 2022, jam 20.10.
- Kementan RI. 2015. *Ayam Pelung*. <http://bibit.ditjenpkh.pertanian.go.id/content/ayam-Pelung>. Diakses tanggal 4 April 2022, jam 10.20.
- Khaerunnisa, I., Jakaria, Arief, I.I., Budiman, C., & Sumantri, C. 2017. The associations of gh and ghr genes with carcass components in indonesian kampung and broiler chicken cross. *Media Peternakan*, 40(2): 78-87.
- Mahardhika, I.W.S., Habibah, I., Perdamaian, A.B.I., & Daryono, B.S. 2021. Origin, phenotypes, and plumage coloration of golden Pelung chicken progenies (*G. gallus*, Linn.1758).
- Mahardhika, I.W.S., Saragih, H.T.S.S.G., Widiyanto, S., & Daryono, B.S. 2022. Egg quality determination of f<sub>1</sub> and f<sub>2</sub> chicken selected crossbred of broiler cobb 500 x Pelung. *Buletin Veteriner Udayana*, 14(2): 129-147.

- Makarova, A.V., Mitrofanova, O.V., Vakhrameev, A.B., & Dementeva, N.V. 2019. Molecular-genetic bases of plumage coloring in chicken. *Vavilov Journal of Genetics and Breeding*, 23(3): 343-354
- Makhsous, S.G., Mirhoseini, S.Z., Zamiri, M.J., & Niazi, A. 2013. polymorphisms of growth hormone gene in a native chicken population: association with egg production. *Bull Vet Inst Pulawy*, 57: 73-77.
- Masousi, A.A., Davoodi, P., Ehsani, A., & Torshizi, R.V. 2021. New insights into genetics underlying of plumage color. *Animal Genetics*, 53: 80-93.
- Mukaka, M.M. 2012. Statistics corner: A guide to appropriate use of correlation coefficient in medical research. *Malawi Medical Journal*, 24(3): 69-71.
- Mukhtar, N. & Khan, S.H. 2012. Comb: an important reliable visual ornamental trait for selection in chicken. *World's Poultry Science Journal*, 68(3): 425-434.
- Mu'in, M.A. & Lumataw, S. 2013. Identification of MspI polymorphism in the forth intron of chicken growth hormone gene and their associations with growth traits in indonesia native chickens. *Animal Production*, 15(1): 1-7.
- Nachar, N. 2008. The mann-whitney u: a test for assessing whether two independent samples come from the same distribution. *Tutorials in Quantitative Methods for Psychology*, 4(1): 13-20.
- Nie, Q., Sun, B., Zhang, D., Luo, C., Ishang, N.A., Lei, M., Yang, G., & Zhang, X. 2005. High diversity of the chicken growth hormone gene and effects on growth and carcass traits. *Journal of Heredity*, 96(6): 698-703.
- Okafar, O.L., Okoro, V.M.O., Mbajiorgu, C.A., Okoli, I.C., Ogbuewu, I.P., & Ogundu, U.E. 2019. Influence of chicken growth hormone (cGH) SNP genotypes on morphometric and growth traits of three chicken breeds in Nigeria. *Indian Journal of Animal Research*, 53(12): 1559-1565.
- Pagala, M.A., Aku, A.S., Badaruddin, R., & Has, H. 2018. Karakteristik fenotip dan genotip gen GH (growth hormon) pada ayam tolaki. *Jurnal Ilmu dan Teknologi Peternakan Tropis*, 5(3): 1-4.
- Paxton, H., Daley, M.A., Corr, S.A., & Hutchinson, J.R. 2013. The gait dynamics of the modern broiler chicken: a cautionary tale of selective breeding. *Journal of Experimental Biology*, 216(17): 3237-3248.
- Perez, L.D.L.R., Montes, G.R.C., Ortega, A.M., Juarez, H.C., & Montaldo, H.H. 2015. *Study: inbreeding affects body weight, not survival, in white shrimp*. Global Aquaculture Advocate. Mexico.
- Prayitno, D.S., Murrad, B.C., & Kismiati, S. 2016. *Kalkun Edisi 2*. Sarana Utama. Salatiga.
- Puspita, U.E., Daryono, B.S., & Hartatik, T. 2021. Body weight gain and carcass quality of the hybrid chicken derived from the crossing between female f<sub>1</sub> kampung super and male f<sub>1</sub> kampung-broiler. *Journal of Tropical Biodiversity and Biotechnology*, 6(2): 1-9.

- Reece, J.B., Urry, L.A., Cain, M.L., Wasserman, S.A., Minorsky, P.V., & Jackson, R.B. 2014. *Campbell biology*. 10<sup>th</sup> Edition. Pearson Education. USA.
- Retnosari, D. 2018. Asosiasi polimorfisme gen pituitary positive transcription factor-1 terhadap pertumbuhan ayam bc<sub>1</sub> hibrida (*Gallus gallus gallus* Linnaeus, 1758) hasil persilangan ayam betina f1 broiler dengan jantan Pelung. *Skripsi*. Universitas Gadjah Mada, Yogyakarta.
- Santos, A.L.F., Oliveira, C.Q.P., Arruda, G.N.P.N., & Martins, J.K. 2018. Comparison of DNA extraction using proteinase K and extraction kit: analysis of the quality of the genetic material. *J Bras Patol Med Lab*, 54(2): 70-75.
- Sartika, T. 2016. Ketersediaan sumber daya genetik ayam lokal dan strategi pengembangannya untuk pembentukan parent dan grand parent stock. Makalah dipresentasikan dalam *Workshop Nasional Unggas Lokal*, 5 Juli (pp. 15-23). Jakarta.
- Sartika, T. 2016. *Panen ayam kampung 70 hari*. Penebar Swadaya. Jakarta Timur.
- Shen, Q., Li, J., Bao, H., & Wu, C. 2023. Identification of duplication genotypes of the feathering rate gene in chicken by a multiplex pcr following electrophoresis and/or sanger sequencing. *Animals*, 13(6): 1091-1101.
- SPSS inc. 2015. *SPSS statistic 17.0 brief guide*. Chicago, IL., USA.
- Sulandari, S. & Zein, M.S.A. 2009. Analisis D-loop DNA mitokondria untuk memposisikan ayam hutam merah dalam domestikasi ayam di Indonesia. *Media Peternakan*, 32(1): 31-39.
- Yaman, M.A. 2010. *Ayam kampung unggul*. Penebar Swadaya. Depok.
- Yilmaz, M., Ozic, C., & Gok, I. 2012. Principles of nucleic acid separation by agarose gel electrophoresis. In Magdeldin, S. (Ed). *Gel electrophoresis - principles and basics*. Intech.