DAFTAR PUSTAKA

Aberra, M., Zemen, W., Yosef, T.G. 2012. Assessment of the prevailing handling and quality of eggs from scavenging indigenous Chickens reared in different agro-ecological zone of Ethiopia. Research Journal of Poultry Science. 5(4-6):64-70. https://doi.org/10.5455/jeos.20130104091334.Abeyrathne, E. D. N. S., Lee, H. Y., and Ahn, D. U. 2013. Egg white proteins and their potential use in food processing or as nutraceutical and pharmaceutical agents—a review. *Poultry Science*, 92(12), 3292–3299.

Al-Nasser, A., Al-Khalaifa, H., Al-Saffar, A., Khalil, F., Al-Bahouh, M., Ragheb, G., Al-Haddad, A., and Mashaly, M. 2007. Overview of Chicken Taxonomy and Domestication. *World's Poultry Science Journal*. 63(2): 285-300.

Amuzu-Aweh, E. N., Bovenhuis, H., De Koning, D. J., and Bijma, P. 2015. Predicting heterosis for egg production traits in crossbred offspring of individual White Leghorn sires using genome-wide SNP data. Genetics Selection Evolution, 47(1), 1–8. https://doi.org/10.1186/s12711-015-0088-6.

Antos, P., Andres, K., and Kapkowska, E. 2013. Preliminary studies on genetic diversity of selected polish local chicken varieties. *Journal of Central European Agriculture*. 14(1): 11-22.

Arnol, M., Rosni., dan Rudi, A. 2019. Perubahan nutrisi dedak halus dengan lama pengukusan berbeda sebagai bahan pakan ikan baronang (*Siganus guttatus*). *Buletin Teknik Litkayasa Akuakultur*, 17(1) : 45-49.

Au, W.L., and Leung, F.C.C. 2002. "Rapid Communication : Complete Nucleotide Sequence of the Chicken Prolactin Gene". *J. Anim. Sci*. 80:1381.

Bijanti, R., Yuliani, M.G.A., Wahjuni, R.S., Utomo, R.B. 2010. *Buku Ajar Klinik Veteriner*. Surabaya. Airlangga University Press. hal.62

Bhattacharya, T. K., Chatterjee, R. N., Sharma, R. P., Rajkumar, U., Niranjan, M., and Reddy, B. L. N. 2011. Association of polymorphism in the prolactin promoter and egg quality traits in laying hens. Br Poult Sci, 52:5, 551-557.

BPS. 2019. STATISTIK INDONESIA 2019 Statistical Yearbook of Indonesia 2019 (S. P. dan K. Statistik, ed.). Jakarta: Badan Pusat Statistik

BPS. 2020. STATISTIK INDONESIA 2020 Statistical Yearbook of Indonesia 2020 (S. P. dan K. Statistik, ed.). Jakarta : Badan Pusat Statistik.

Chacon-Cortes, D. and Griffiths, L.R. 2014. Methods for extracting genomic DNA from whole blood sample: current perspectives. *Journal of Biorepository Science for Applied Medicine*, 2: 1-9.

Cleland, W.W. 1964. Dithiothreitol, a New Protective Reagent for SH Groups. *Biochemistry*, 3: 480-482.

Cui, J. X., Du, H. L., Liang, Y., Deng, X. M., Lin., and Zhang, X. Q. 2006. Association polymorphism in the promoter region of chicken prolactin with egg production. *Poult. Sc*i. 85: 26-31.

Daryono, B.S., Roosdianto, I., H.T.S.S.G. Saragih. 2010. Pewarisan Karakter Fenotip Ayam Hasil Persilangan Ayam Pelung dengan Ayam Cemani. *Jurnal Veteriner Indonesia*. 11(4): 257-263.

Daryono, B. S. dan Perdamaian, A. B. I . 2019. *Ayam Lokal Indonesia*. Yogyakarta : Gadjah Mada University Press, hal. 27-46.

Devik, S and Reddy, P.M. 2005. A study on comparative performance of 3-way strain crosses Indian Journal of Animal Research. 39147-148.

Direktorat Jenderal Peternakan dan Kesehatan Hewan. 2020. *Statistik Peternakan dan Kesehatan Hewan 2020/ Livestock and Animal Health Statistics 2020*. Jakarta: Direktorat Jenderal Peternakan dan Kesehatan Hewan Kementerian Pertanian RI Statistik.

Duman, M., Şekeroğlu, A., Yıldırım, A., Eleroğlu, H., and Camcı, O. 2016. Relation between egg shape index and egg quality characteristics. *Europ. Poult. Sci*., 80.

Emamgholi-Begli H, Zerehdaran S, Hassani S, Abbasi MA, Khan-Ahmadi A. 2010.Polymorphism in prolactin and PEPCK-Cgenes and its association with economic traits in native fowl of Yazd province. *Iran J Bio*tech. 8: 172-177.

Ensminger. M. E., Oldfield, J.E., and Heinemann, W.W. 1992. *Feeds and Nutrition*. 2nd Edition. Ensminger Publishing Company, California, USA.

Ernanto, A. 2017. Asosiasi Polimorfisme Gen *PRL* dan *IGF-1* terhadap Produktivitas Telur Ayam (Gallus gallus domesticus, Linnaeus 1758) F1 hasil persilangan Ayam Pelung dan Layer. *Tesis.* Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.

Ernanto, A. R., Afifah, D., Lesmana, I., & Daryono, B. S. 2018. Isolation of DNA from chicken (Gallus gallus domesticus Linnaeus, 1758) feather with lysis bu*FF*er-phenol chloroform isoamyl alcohol method (PCI) and *chelex* method.

Fadilah, R. dan Fatkhuroji. 2013. *Memaksimalkan Produksi Ayam Ras Petelur*. PT AgroMedia Pustaka. Jagakarsa. P. 12.

Gusrina. 2014. *Genetika dan Reproduksi Ikan*. Deepublish. Yogyakarta, hal. 140.

Habibah, I. 2018. Karakter Fenotip, Koefisien Inbreeding, dan Polimorfisme Gen cTYR Intron 4 pada Ayam (*Gallus gallus* (Linnaeus, 1758)) Hibrida Golden Kamper. *Skripsi*. Fakultas Biologi. Universitas Gadjah Mada.

Habiburahman, R., Darwati, S., Sumantri, C., and Rukmiasih. 2020. Produksi Telur dan Kualitas Telur Ayam IPB D-1 G7 serta Pendugaan Nilai Ripitabilitasnya. Jurnal Ilmu Produksi Dan Teknologi Hasil Peternakan, 08(30), 97–101. https://doi.org/10.29244/jipthp.8.2.97-101.

Hardjosubroto, W. 1994. *Aplikasi Pemuliabiakan Ternak di Lapangan.* Jakarta: Grasindo.

Hilz, H., Wiegers, U., and Adamietz, P. 1975. Stimulation of Proteinase K Action by Denaturing Agents: Application to the Isolation of Nucleic Acids and the Degradation of 'Masked' Proteins. *European Journal of Biochemistry*, 56: 103-108.

Indratiningsih dan Rihastuti. 2006. *Kualitas Telur*. Jakarta. Penebar Swadaya.

Indriarto, N.B. 2020. Asosiasi Polimorfisme Gen *HOXC8* terhadap Pola Pewarisan *Crest* Ayam (*Gallus gallus gallus* Linnaeus, 1758) Hibrida Hasil Persilangan ♀ F_2 Golden Kamper dengan ♂ Ayam Mahkota. *Skripsi*. Fakultas Biologi. Universitas Gadjah Mada.

Iskandar, S. dan Sartika, T. 2008. Indonesia Salah Satu Pusat Domestikasi Ayam Dunia. *Warta Penelitian dan Pengembangan Pertanian*. 30(5): 17-18.

ITIS. 2020. *Gallus gallus*. https://www.itis.gov. Accessed : 20/10/2020 12.23.

Jiang, R. S., Xu G. Y., Zhang, X. Q., and Yang, N. 2005. Association of Polymorphisms for Prolactin and Prolactin Receptor Genes with Broody Traits in Chickens. *Poult. Sci.* 84: 839-845.

Kilatsih, R. 2020. Analisis Korelasi Polimorfisme Gen *PRL* terhadap Produktivitas Telur Ayam (*Gallus gallus domesticus*, Linn 1758) BC_1 Hasil Persilangan Ayam Pelung dan Ayam *Layer*. *Thesis*. Fakultas Biologi. Universitas Gadjah Mada.

Kondrashov, A. S. and Bogozin, I. B. 2004. Context of Deletions and Insertions in Human Coding Sequence. *Hum Mutat* 23 :177-185.

Kraaijeveld, K., 2019. Genetic architecture of novel ornamental traits and the establishment of sexual dimorphism: insights from domestic birds. *Journal of Ornithology*, 1: 1-8.

Krista, B. dan Harianto, B. 2013. *Jago Bisnis dan Beternak Ayam Kampung*. Jakarta : AgroMedia Pustaka, hal. 5-12.

Lapihu, Y. L., Telupere, F. M. S., dan Sutedjo, H. 2019. Kajian Fenotip dan Genetik Performa Pertumbuhan dan Persilangan Ayam Lokal dengan Ayam Ras Petelur Isa Brown. *Jurnal Sain Peternakan Indonesia*. 14(3): 298-305.

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.* Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.

Li, H. F., Zhu, W. Q., Chen, K. W., Zhang, T. J., and Song, W. T. 2009. Association of polymorphisms in the intron 1 of duck prolactin with egg performance. *Turk. J. Vet*. *Anim*. Sci. 33: 193-197.

Lin, X. J., Zhang, R., Jiang, S., Elmashad, H. M., and Mitloehner, F. 2016. Nutrient flow anddistribution in conventional cage, enriched colony, and aviary layer houses. *Poult Sci* 95 : 213-224.

Liu, L. B., Li, D. Y., Zhao, X. L., Liu, Y. P., Wang, Y., and Zhu, Q. 2012. Polymorphism of prolactin receptor gene and its association with egg production traits in Erlang Mountainous chicken. *Asian J. Anim. Vet. Adv*. 7: 1183-1190.

Miao, Y.W., Burt, D.W., Paton, I.R., Sharp, P.J., and Dunn, I.C., 1999. Mapping of the prolactin gene to chicken chromosome 2. *Anim. Genet*. 30, 473.

Mulyono. 2000. Metode Analisis Proksimat. Erlangga. Jakarta.

Nataamijaya, A.G. 2000. The Native Chicken of Indonesia. *Bul. Plasma Nutfah*. 6(1):1-6.

Nataamijaya, A.G. 2010. Pengembangan potensi ayam lokal untuk menunjang peningkatan kesejahteraan petani. *Jurnal Penelitian dan Pengembangan Pertanian*. 29(4):131-138.

Odabaşi, A. Z., Miles, R. D., Balaban, M. O., and Portier, K. M. 2007. Changes in brown eggshell color as the hen ages. *Poultry Science*, 86(2), 356–363.

Oldenbroek, K. and Van der Waaij, L. 2014. *The Textbook Animal Breeding and Genetics for BSc Students*. Centre for Genetic Resources The Netherlands and Animal Breeding and Genomics Centre. Groen Kennisnet. Pp. 17-21.

Panganku. 2022. *Data Komposisi Pangan Indonesia*. https://www.panganku.org/id-ID/view. Accessed : 27/5/2022 02.51.

Phillips, K., McCallum, N., & Welch, L. 2012. A comparison of methods for forensic DNA extraction: *Chelex*-100® and the QIAGEN DNA Investigator Kit (manual and automated). *Forensic Science International: Genetics.* 6(2) : 282–285.

Putri, A,E,V,T., Pratjojo, W., dan Susatyo, E.B. 2015. Uji Proksimat dan Organoleptik Brownies dengan substitusi tepung mocaf (*Modified Cassava Flour*). *Indo. J. Chem. Sci*. 4(3).

Rashidi, H., Rahimi-Mianji, G., Farhadi, A., and Gholizadeh, M. 2012. Association of prolactin and prolactin receptor gene polymorphisms with economic traits in breeder hens of indigenous chickens of Mazandaran province. *Iran. J. Biotech*. 10: 129-135.

Retnosari, D. 2022. Asosiasi Polimorfisme Gen Ovoinhibitor (*OIH*) terhadap Kualitas Telur pada Ayam Hibrida Golden Kamper (*Gallus gallus domesticus*, Linnaeus 1758). *Tesis*. Fakultas Biologi. Universitas Gadjah Mada.

Romanoff A.L and A.J Romanoff. 1997. *The Avian Eggs*. John Willey and Sons. Kluwer academic Publisher. United States of America.

Sarica, M. and Erensayin, C. 2009. Poultry Products. *Poultry Science* (EDs M. Turkoglu and M. Sarica), Bey Ofset, pp. 89-138.

Sharp P.J, Scanes C.G, Williams J.B, Harvey S., Chadwick A. 1979. Variations in concentrations of prolactin, luteinizing hormone, growth hormone and progesterone in the plasma of broody bantams (Gallus domesticus). *J. Endocrinol*. 80: 51‑57.

Sulandari, S. dan M.S.A. Zein. 2009. Analisis D-Loop DNA Mitokondria untuk Memposisikan Ayam Merah dalam Domestikasi Ayam di Indonesia. *Media Peternakan*. 32(1):31-39.

Suprijatna, E. 2010. Strategi Pengembangan Ayam Lokal Berbasis Sumber Daya Lokal dan Berwawasan Lingkungan. *Prosiding Seminar Nasional Unggas Lokal ke IV*: 55-88. Semarang, 7 Oktober 2010 : Fakultas Peternakan Universitas Diponegoro.

Szwaczkowski, T., K. Cywa-benko, and S. Wezyk. 2003. "A Note on Inbreeding E*FF*ect on Productive and Reproductive Traits in Laying Hens." *Animal Science Papers and Reports* 21 (2) : 121-129.

Weeks, C.A. and Nicol, C.J. 2006. Behavioural needs, priorities and preferences of laying hens. *World's Poultry Science Journal* 62: 296-307.

Wijaya, A.D., Munir., dan Kadir, J.M. 2019. Pengaruh Topografi dan Umur Ayam yang berbeda terhadap ketebalan kerabang dan ph telur ayam ras petelur. *Jurnal Bionature*, 20 (1) : 14-20.

Wilkanowska, A., Mazurowski, A., Mroczkowski S., and Kokoszyñski, D. 2014. Prolactin (*PRL*) and prolactin receptor (*PRLR*) genes and their role in poultry production traits. *Folia Biologica (Kraków)*, 62: 12-22.

Yuwanta, T. 2010. *Telur dan Kualitas Telur*. Universitas Gadjah Mada Press, Yogyakarta.