

DAFTAR PUSTAKA

- [HIPPAPI] 2003, *Anggaran Dasar Anggaran Rumah Tangga Himpunan Peternak dan Penggemar Ayam Pelung Indonesia*, Jawa Barat, Cianjur.
- Anonim, 2000. *Budidaya ayam petelur* (*Gallus* sp.), Kantor Deputy Menegristek Bidang Pendayagunaan dan Pemasyarakatan Ilmu Pengetahuan, Jakarta.
- Cahyono, B. and B. Samadi, 2007. The easy ways to raise hybrid and crossbred chicken as livestock. Pustaka Mina. Jakarta, pp: 1-6. (Indonesian Version).
- 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.
- Creswell dan Gunawan, B. 1982. Ayam ayam lokal di Indonesia: sifat-sifat produksi pada lingkungan yang baik. Laporan No. 2, pp. 9-14. Balai Penelitian Ternak Bogor, Indonesia.
- Daryono B. S., Roosdianto I., dan Saragih H., 2010, Pewarisan karakter fenotipe ayam (F₁) hasil persilangan ayam Pelung (*Gallus gallus domesticus*) dengan ayam Cemani (*Gallus gallus domesticus*), *Jurnal Veteriner*, 11(4): 257-263.
- Dinas Peternakan Provinsi Jawa Barat, Jawa Timur dan Sumatera Barat. 2014. *Ayam lokal dengan suara kokoknya yang lantang*. Diunduh dari : <http://cybex.pertanian.go.id/materipenyuluhan/detail/9308/ayamlokaldengan-suara-kokoknya-yang-lantang>.
- Ernanto, A. R. 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.
- Fulton, J., Juul-Madsen, H.R., Ashwell, C.M., McCarron, A.A., Arthur, J.A., O'Shullivan, N.P., and Taylor, R. 2006. Molecular genotype identification of the *Gallus gallus* major histocompatibility complex. *Immunogenet.* 58:407-421.
- Gao, S., Paeschke, S., Behlke, J., Haller, O., and Kochs, G. 2010. Structural basis of oligomerization in the stalk region of dynamin-like MxA. *Nature*. 465:502-6
- Haller, O., Staeheli, and Kochs, G. 2007. Interferon-induced Mx proteins in antiviral host defense. *Biochimie*. 89:812-818.
- Haller, O., Kochs, G., and Weber, F. 2005. The interferon response circuit: induction and suppression by pathogenic viruses. *J Virol*. 344: 119-130.
- 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.
- Hardjosubroto, W., 1998. *Pengantar Genetika Ternak*. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta.

- Hutt, F. B. 2003. *Genetics of Fowl : The Classic Guide to Poultry Breeding and Chicken Genetic*. Tata Mc. Graw-Hill Publishing Co. Ltd. New York. P : 150, 154, 162 – 164.
- Knap, P.W., and Bishop, C. 2008. Relationship between genetic change and infectious disease in domestic livestock. An occasional publication of the british society of animal science. *Br.Sec.Anim.Sci. Midlothian*, UK. pp.65-80.
- Ko, J.H., Jin, H.K., Asano, A., Takada, A., Ninomiya, A., Kida, H., Hakiyama, H., Ohara, M., Tsuzuki, M., Nishibori, M., Mizutani, M., and Watanabe, T. 2002. Polymorphisms and the differential antiviral activity of the chicken Mx gene. *Genome Research*. 12(4) : 595-601.
- Ko, J.H., Takada, A., Mitsuhashi, T., Agui, T., and Watanabe, T. 2004. Native antiviral specificity of chicken Mx protein depends on amino acid variation at position 631. *Anim Genet*. 35(2) : 119-122.
- Lee, S. H., Vidal, S. M. 2002. Functional diversity of mx proteins: variations on a theme of host resistance to infection. *Genome Res*. 12:527-30.
- Lesmana, I. 2016. Asosiasi polimorfisme promotor gen FSHR dengan perkembangan folikel ovarium ayam hibrida [*Gallus gallus gallus* (Linnaeus, 1758)] hasil persilangan betina ras petelur dengan jantan pelung. Tesis. Universitas Gadjah Mada. Yogyakarta.
- Lohmann, T. 2016. Lohmann Brown-Classic. Diunduh dari : <http://www.ltz.de/en/Layers/alternative-housing/lohmann-brownclassic.php>
- Li, W.H., Wu, C.I., and Luo, C.C. 1984. Nonrandomness of point mutation as reflected in nucleotide substitutions in pseudogenes and its evolutionary implications. *J Mol Evol*. 21:58–71.
- Livant, E.J., Avendano, S., McLeod, S., Ye, X., Lamont, S.J., Dekkers, J.C., and Ewald, S.J. 2007. Mx1 exon 13 polymorphisms in broiler breeder chickens and association with commercial traits. *Anim Genet*. 38: 177-179.
- Maeda. 2005. Polymorphism of Mx gene in asian indigenous chicken population. *Seminar Nasional Tentang Unggas Lokal III : 2005 Agustus 25; Semarang, Indonesia*. Semarang (ID). Universitas Diponegoro.
- Nataamijaya, A.G., 2006. *Karakteristik penampilan pola warna bulu, kulit, sisik kaki dan paruh ayam Pelung di Garut dan ayam Sentul di Ciamis*. Tersedia online di http://bp2tp.litbang.deptan.go.id/file/wp04_11_ayamsentul.pdf
- Nataamijaya, A.G., Sugandi D., Muslih D., & Mujiono, 1989. *Performans ayam Pelung di daerah transmigrasi Batumerta, Sumatera Selatan*, Proceeding Seminar Nasional Tentang Unggas Lokal. Fakultas Peternakan. Universitas Diponegoro. Semarang.
- Nataamijaya, A.G., 2005. *Karakteristik penampilan pola warna bulu, kulit, sisik dan paruh ayam Pelung di Garut dan ayam Sentul di Ciamis*. Laporan kegiatan, Balai Pengkajian dan Pengembangan Teknologi Pertanian, Bogor.
- Nugroho, E., Whendrato, I., dan Madyana, I. M. 1991. *Budidaya Ayam Pelung*. Eka Offset. Semarang. Hal 7-26, 85-86.

- Pagala, M. A., Muladno, C. S., and Murtini, S. 2013. Association of Mx gene genotype with antiviral and production traits in tolaki chicken. *Int J Poult Sci.* 12:735-9
- Pavlovic, J., and Staeheli, P. 1991. The antiviral potentials of Mx proteins. *J Interferon Res.* 11:215-9
- Permatasari, P., Sumantri, C., Darwati, S., dan Ulupi, N. 2015. Keragaman gen myxovirus (Mx) pada ayam kampung terseleksi. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan.* 3 (1) : 4-7.
- Puspitanigrum, W., 2016. *Korelasi pemberian variasi leverl protein pada pakan terhadap perkembangan folikel pada ayam petelur strain lohmann brown.* Skripsi. Fakultas Biologi UGM
- Rusfidra, A. 2005. Pengembangan Ayam Pelung sebagai Penyanyi. Diakses dari <http://www.pikiranrakyat.com>. pada 10 Desember 2017.
- Sanger, F., Nicklen, S., and Coulson, A. R. 1977. DNA sequencing with chainterminating inhibitors. *Proc. Natl. Acad. Sci. USA* 74 (12) : 5463-5467
- Sartika, T., Sulandari S., and Zein, M. S. A. 2011. Selection of Mx gene genotype as genetic marker for Avian Influenza resistance in Indonesian native chicken. *BMC Proceedings.* 5(4) : 37.
- Sasaki, K., Yoneda, A., Ninomiya, A., Kawahara, M., and Watanabe, T. 2013. Both antiviral activity and intracellular localization of chicken Mx protein depend on a polymorphism at amino acid position 631. *Biochem Biophys Res Commun.* 430:161-6
- Schumacher, B., Bernasconi, D., Schultz, U., Staeheli, P. 1994. The chicken mx promoter contains an isre motif and confers interferon inducibility to a reporter gene in chick and monkey cells. *Virology.* 203:144-8.
- Sironi, L., Ramelli, P., Williams, J.L., and Mariani, P., 2010. Pcr-rflp genotyping protocol for chicken mx gene g/a polymorphism associated with the s631n mutation. *Genetics and Molecular Research* 9(2):1104-1108.
- SPSS inc, 2015. *SPSS Statistic 16.0 Brief Guide.* Chicago, IL., USA
- Staeheli, P., Sutcliffe, J. G. 1988. Identification of a second interferon-regulated murine Mx gene. *Mol. Cell Biol.* 8:4524-8
- Staeheli, P., Grob, R., Meir, E., Sutcliffe, J., and Haller, O. 1998. Influenza-susceptible mice carry Mx genes with a large deletion or a nonsense mutation. *Mol Cell Biol.* 8(10) : 4518-4523.
- Sudiro F. 1991. *Aneka Ayam Hias dan Piaraan.* Kanisius. Yogyakarta. hal 73-76
- Sulandari, S., Zein, M.S.A., Paryanti, S., Sartika, T., Astuti, M., Widjastuti, T., Sujana, E., Darana, S., Setiawan, I. dan Garnida, D. 2007. Sumber Daya Genetik Ayam Lokal Indonesia. Dalam buku *Keragaman Sumber Daya Hayati Ayam Lokal Indonesia: Manfaat dan Potensi.* Editor: Prof. Kusumo Diwyanto dan Siti Nuramaliati Prijono. Pusat Penelitian Biologi, LIPI. Edisi Pertama.
- Suryaman, 2010. *Perbandingan morfometri ayam kampung, ayam pelung dan ayam keturunan pertama (F1) Persilangan Pelung Kampung Umur 5-12 Minggu.* Skripsi. Fakultas Peternakan. IPB.
- Watanabe, T. 2003. Genomic analysis of antiviral resistant Mx gene in the chicken. Lab. Animal Breeding and Reproduction, Hokkaido University.

- Sapporo, Japan. *International workshop on Animal Genome Analysis*, KKR 2003 Nop 6; Sapporo (JP) : Hotel Tokyo.
- Williams, J. L. 2005. The use of marker-assisted selection in animal breeding and biotechnology. *Rev. sci. tech. Off. int. Epiz.*, 24 (1) : 379-391
- Yin, C. G., Du, L. X., Li, S. G., Zhao, G. P., Zhang, J., Wei, C. H., Xu, L. Y., Liu, T., and Li, H. B. 2010. Expression analyses and antiviral properties of the Beijing-You and White Leghorn myxovirus resistance gene with different amino acids at position 631. *Asian-Austral J Anim Sci.* 23:855-62
- Yuwanta, T. 2004. *Dasar Ternak Unggas*. Penerbit Kanisius. Yogyakarta. p. 50.
- Zhao, Z., and Boerwinkle, E. 2002. Neighboring-nucleotide effects on single nucleotide polymorphisms: a study of 2.6 million polymorphisms across the human genome. *Genome Res.* 12 : 1679–1686.