

DAFTAR PUSTAKA

- Abbas, H., Hedri dan A. Yuniza. 2005. Pengantar Ilmu Peternakan. Buku Ajar Fakultas Peternakan Universitas Andalas, Padang.
- Allendorf, F.W and G. Luikart. 2006. Conservation and the Genetics of Populations. Oxford (UK): Blackwell Publishing.
- Allendorf, F.W., G. Luikart and S. N. Aitken. 2013. Conservation and The Genetics of Populations. 2nd Ed. UK (GB): Wiley-Blackwell.
- Bagnicka, E., E. Siadkowska., N. Strzałkowska., B. Zelazowska., K. Flisikowski., J. Z. Krzyzewski and L. Zwierzchowski. 2009. Association of polymorphisms in exons 2 and 10 of the insulin-like growth factor 2 (IGF2) gene with milk production traits in Polish Holstein-Friesian cattle. *J. Dairy* 77: 37–42.
- Blott, S., J. J. Kim., S. Moisio., A. S. Kuntzel and A. Cornet. 2003. Molecular dissection of a quantitative trait locus: A phenylalanine to-tyrosine substitution in the transmembrane domain Of the bovine growth hormon receptor is associated with a major effect on milk yield and composition. *Genetics* 163: 253-266.
- Berkowicz, E. W., D. A. Magee., K. M. Sikora and D. P. Berry. 2010. Single nucleotide polymorfisme at the imprinted bovine insulin-like growth factor 2 (IGF2) locus are associated with dairy performance in Irish Holstein-Friesian cattle. *J. Dairy Res.* 78 : 1- 8.
- Cowan, C. M., M. R. Dentine., R. L. Ax and L. A. Schuler. 1989. Restriction fragment length polymorphism associated with growth hormone and prolaction gene in Holstein bull: evidence for a novel growth hormone allele. *Anim. Genet.* 20: 157.
- Dekkers, J. C. M. 2007. Marker-assisted selection for commercial crossbred performance. *J. Anim Sci* 85 : 2104 - 2114. doi: 10.2527/jas. 2006 - 683.
- Desinawati, N. dan N. Isnaini. 2010. Penampilan reproduksi sapi peranakan Simmental di Kabupaten Tulungagung Jawa Timur. Fakultas Peternakan Universitas Brawijaya Malang. *J. Ternak Tropika* Vol. 11, No.2 : 41- 47.
- Diyono, R. 2009. Karakteristik ukuran tubuh dan polimorfisme gen GH, GHRH dan PIT-1 pada populasi kerbau di Banten. Tesis. Sekolah Pascasarjana. Institut Pertanian Bogor. Bogor.
- Flisikowski, K. and R. Fries. 2008. *Bos taurus* insulin and insulin-like growth faktor 2 (IGF2) genes. Complete cds. Genbank Acc. No. EU518675.

- Frankham, R., J. D. Ballou and D. A. Briscoe. 2002. Introduction to Conservation Genetics. Cambridge University Press. Inggris.
- Goodall, J. J. and S. M. Schmutz. 2003. Linkage pemetaan IGF2 pada ternak kromosom 29. Genetika Hewan. 34 : 313.
- Goodall, J. J. and S. M. Schmutz. 2007. IGF2 gene characterization and association with rib eye area in beef cattle. Animal Genetics. 38 : 154 – 161.
- Gillespie, J. H. 1998. Population Genetics. The Johns Hopkins University Press. London.
- Hardjosubroto, W. 1998. Pengantar Genetika Hewan. Fakultas Peternakan. Universitas Gadjah Mada, Yogyakarta.
- Hartl, D. L. 1998. Principle of Population Genetic. Sinauer Associates, Inc. Publisher. Sunderland.
- Hartl, D. L and A. G. Clark. 1997. Principle of Population Genetic. Sinaeur Associates, Inc. Publisher. Sunderland, Massachusetts.
- Jakaria. 2008. Keragaman genetik gen hormon pertumbuhan pada sapi Pesisir Sumatera Barat. Disertasi. Fakultas Peternakan. Institut Pertanian Bogor. Bogor.
- Maylinda, S. 2011. Genetic polymorphism of growth hormone locus and its association with body weight in grati dairy cows. International Journal for biotechnology and molecular biology research. 2(7): 117-120.
- Muladno. 2002. Seputar Teknologi Rekayasa Genetika. Pustaka Wirausaha Muda dan USESE Foundation. Bogor.
- Meuwissen, T. H. E and M. E. Goddard. 1996. The use of marker haplotypes in animal breeding schemes. Genetic Sel E vol 28 : 161-176.
- Montaldo, H. H and C. A. M. Herrera. 1998. Use of molecular markers and major genes in the genetic improvement of livestock. J. Biotechnol. 1: 2.
- Nei, M. 1987. Molecular Evolutionary Genetics. Columbia University Press. New York.
- Nei, M. and S. Kumar. 2000. Molecular Evolution and Phylogenetics. Oxford University Press. New York.
- Noor, R. R. 2008. Genetika Ternak. Ed ke-2. Penebar Swadaya. Jakarta.
- Nozawa, K. 1980. Phylogenetic studies on native domestic animal in East and Southeast Asia. Tropical Agriculture Research Center, Japan IV: 23-43.

- Philips, T. 2010. Restriction Enzymes Explained. Di akses pada 1 November 2016 jam 14.30.<http://biotech.about.com/od/proteinengineering/a/restrctenz.htm>
- Pray, L. A. 2008. Restriction Enzymes. Di akses pada 22 November 2016. <http://www.Nature.com/scitable/topicpage/Restriction-Enzymes-545>.
- Rastogi, S. C. 2007. Biotechnology: Principles and Applications. 1st edition. Alpha science Int'l Ltd. ISBN-13: 978-1842653708.
- Saladin, R. 1983. Penampilan sifat-sifat produksi dan reproduksi sapi lokal Pesisir Selatan di Provinsi Sumatera Barat. Disertasi. Fakultas Pasca Sarjana IPB. Bogor.
- Sarbaini. 2004. Kajian keragaman karakter eksternal dan DNA mikrosatelit sapi Pesisir Sumatera Barat. Disertasi. Pasca Sarjana, Bogor.
- Sherman, E. L., J. D. Krumah., B. M. Murdoch., C. Li., Z. Wang and S. S. Moore. 2008. Polymorphisms and haplotypes in the bovine neuropeptide Y, GHR, ghrelin, IGF2, and uncoupling proteins 2 and 3 genes and their associations with measures of growth, performance, feed efficiency, and carcass merit in beef cattle. *J. Anim Sci.* 86:1-16.
- Sugeng, B. Y. 2003. Beternak Sapi Potong. Penerbit Penebar Swadaya. Jakarta.
- Sulandri, S. dan M. S. A. Zein. 2003. Panduan Praktis Laboratorium DNA. Bidang Zoologi, Pusat Penelitian Biologi. Lembaga Ilmu Pengetahuan Indonesia.
- Sunatmo, T. I. 2009. Mikrobiologi Esensial. Mikrobiologi IPB. Bogor.
- Susanti, T. dan L. H. Prasetyo. 2009. Pendugaan parameter genetik sifat-sifat produksi ternak. Prisiding Seminar Nasional Teknologi Peternakan dan Veteriner "Inovasi Teknologi Mendukung Pengembangan Agribisnis Peternakan Ramah Lingkungan". Bogor, 11-12 November 2008. Pusat penelitian dan pengembangan peternakan. Badan Penelitian dan Pengembangan Pertanian. Hlm. 588-610.
- Vasconcellos, L. P. M. K., D. T. Talhari, A. P. Pereira, L. L. Coutinho and L.C.A. Regitano. 2003. Genetik characterization of Aberdeen Angus cattle using molecular markers. *Genetic and Molecular Biology* 26 : 133 - 137.
- Viljoen, G. J., H. N. Louis and R. C. John. 2005. Molecular Diagnostic PCR Hand Book. Springer : IAEA-FAO (Fiat-Panis).
- Williams, J. L. 2005. The use of marker assisted selection in animal breeding and biotechnology. *Rev Sci Technol Int Epiz.* 24: 379-391.

Yuniarsih, P., Jakaria dan Muladno. 2011. Eksplorasi Gen GH Exon 1 pada Kambing Peranakan Etawah (PE), saanen dan PESA melalui Teknik PCR-RFLP. IPB. Bogor.

Yurnalis., Sarbaini dan Arnim. 2015. Pengembangan marka molekuler berdasarkan gen GH, GHR, IGF-1 dalam rangka peningkatan mutu genetik pada sapi Pesisir plasma nutfah Sumatera Barat. Laporan Penelitian Unggulan Perguruan Tinggi. Universitas Andalas.

Zhao, Q., M. E. Davis and H. C. Hines. 2002. Associations of an *AciI* polymorphism in the *IGF-II* gene with growth traits in beef cattle. In Proceeding of the 7th Word Congress on Genetics Applied to Livestock Production. August : 19 – 23. France : Montpellier.

