

DAFTAR PUSTAKA

- Arisuryanti, T., Firdaus, N.U.N., Hakim, L. 2020. Genetic characterization of striped snakehead (*Channa striata* Bloch, 1793) from Arut River, Central Kalimantan inferred from COI mitochondrial gene. AIP Conference Proceedings, 2260, 020001
- Atifah, Y., & Achyar, A. (2022). Design of Specific Primer for Methallothionein Gene of Tor Fish (*Tor tambra*). Natural Science: Journal of Science and Technology, 11(2), 42–48. <https://doi.org/10.22487/25411969.2022.v11.i2.16216>
- Batabyal, A., & Thaker, M. (2017). Signalling with physiological colours: High contrast for courtship but speed for competition. Animal Behaviour, 129, 229–236. <https://doi.org/10.1016/j.anbehav.2017.05.018>
- Bays, T. B. (2006). Guinea pig behavior. Exotic Pet Behavior, 207–238. <https://doi.org/10.1016/b978-1-4160-0009-9.50012-8>
- Boratyński, Z., Brito, J. C., Campos, J. C., Cunha, J. L., Granjon, L., Mappes, T., Ndiaye, A., Rzebik-Kowalska, B., & Serén, N. (2017). Repeated evolution of camouflage in speciose desert rodents. Scientific Reports, 7(1). <https://doi.org/10.1038/s41598-017-03444-y>
- Breed, M. D., & Moore, J. (2016). Self-defense. Animal Behavior, 325–355. <https://doi.org/10.1016/b978-0-12-801532-2.00010-6>
- Caro, T., & Mallarino, R. (2020). Coloration in mammals. Trends in Ecology & Evolution, 35(4), 357–366. <https://doi.org/10.1016/j.tree.2019.12.008>
- Daverio, M. S., Rigalt, F., Romero, S., Vidal-Rioja, L., & Di Rocco, F. (2016). Polymorphisms in MC1R and ASIP genes and their association with coat color phenotypes in Llamas (*Lama glama*). Small Ruminant Research, 144, 83–89. <https://doi.org/10.1016/j.smallrumres.2016.08.003>
- Hargaden, M., & Singer, L. (2012). Anatomy, physiology, and behavior. The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents, 575–602.

<https://doi.org/10.1016/b978-0-12-380920-9.00020-1>

- Hendling, M., & Barišić, I. (2019). In-silico design of DNA oligonucleotides: Challenges and approaches. *Computational and Structural Biotechnology Journal*, 17, 1056–1065. <https://doi.org/10.1016/j.csbj.2019.07.008>
- Hickman, D. L., Johnson, J., Vemulapalli, T. H., Crisler, J. R., & Shepherd, R. (2017). Commonly used animal models. *Principles of Animal Research*, 117–175. <https://doi.org/10.1016/b978-0-12-802151-4.00007-4>
- Hu, S., Zhai, P., Chen, Y., Zhao, B., Yang, N., Wang, M., Xiao, Y., Bao, G., & Wu, X. (2019). Morphological characterization and gene expression patterns for melanin pigmentation in rex rabbit. *Biochemical Genetics*, 57(5), 734–744. <https://doi.org/10.1007/s10528-019-09929-x>
- Jia, X., Ding, P., Chen, S., Zhao, S., Wang, J., & Lai, S. (2021). Analysis of MC1R, MITF, Tyr, Tyrp1, and MLPH genes polymorphism in four rabbit breeds with different coat colors. *Animals*, 11(1), 81. <https://doi.org/10.3390/ani11010081>
- Kasprzak-Filipek, K., Sawicka-Zugaj, W., Litwińczuk, Z., Chabuz, W., Šveistienė, R., & Bulla, J. (2020). Polymorphism of the melanocortin 1 receptor (MC1R) gene and its role in determining the coat colour of Central European cattle breeds. *Animals*, 10(10), 1878. <https://doi.org/10.3390/ani10101878>
- Kimura, B. K., LeFebvre, M. J., deFrance, S. D., Knodel, H. I., Turner, M. S., Fitzsimmons, N. S., Fitzpatrick, S. M., & Mulligan, C. J. (2016). Origin of pre-Columbian guinea pigs from Caribbean archeological sites revealed through genetic analysis. *Journal of Archaeological Science: Reports*, 5, 442–452. <https://doi.org/10.1016/j.jasrep.2015.12.012>
- Manganelli, M., Guida, S., Ferretta, A., Pellacani, G., Porcelli, L., Azzariti, A., & Guida, G. (2021). Behind the scene: Exploiting MC1R in skin cancer risk and prevention. *Genes*, 12(7), 1093. <https://doi.org/10.3390/genes12071093>
- Naert, G., Padelou, M.-P., & Le Prell, C. G. (2019). Use of the guinea pig in studies on the development and prevention of acquired sensorineural hearing loss, with an emphasis on noise. *The Journal of the Acoustical Society of*

- America, 146(5), 3743–3769. <https://doi.org/10.1121/1.5132711>
- Pritt, S. (2012). Taxonomy and history. The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents, 563–574. <https://doi.org/10.1016/b978-0-12-380920-9.00019-5>
- Riggs, S. M. (2009). Guinea Pigs. Manual of Exotic Pet Practice, 456–473. <https://doi.org/10.1016/b978-141600119-5.50020-2>
- Rodríguez, A., Rodríguez, M., Córdoba, J. J., & Andrade, M. J. (2015). Design of primers and probes for quantitative real-time PCR methods. Methods in Molecular Biology, 31–56. https://doi.org/10.1007/978-1-4939-2365-6_3
- Sasmito, D. E. K., Kurniawan, R., & Muhimmah, I. (2014). Karakteristik Primer pada Polymerase Chain Reaction (PCR) untuk Sekuensing DNA. Seminar Nasional Informatika Medis (SNIMed), V, 93–102.
- Shomer, N. H., Holcombe, H., & Harkness, J. E. (2015). Biology and diseases of Guinea Pigs. Laboratory Animal Medicine, 247–283. <https://doi.org/10.1016/b978-0-12-409527-4.00006-7>
- Smith, K. R., Cadena, V., Endler, J. A., Porter, W. P., Kearney, M. R., & Stuart-Fox, D. (2016). Colour change on different body regions provides thermal and signalling advantages in bearded dragon lizards. Proceedings of the Royal Society B: Biological Sciences, 283(1832), 20160626. <https://doi.org/10.1098/rspb.2016.0626>
- Switonski, M., Mankowska, M., & Salamon, S. (2013). Family of melanocortin receptor (MCR) genes in mammals—mutations, polymorphisms and phenotypic effects. Journal of Applied Genetics, 54(4), 461–472. <https://doi.org/10.1007/s13353-013-0163-z>
- Syamsidi, A., Aanisah, N., Fiqram, R., & Jultri, I. A. (2021). Primer design and analysis for detection of mecA gene. Journal of Tropical Pharmacy and Chemistry, 5(3), 245–253. <https://doi.org/10.25026/jtpc.v5i3.297>
- Thornton, B., & Basu, C. (2011). Real-Time PCR (qPCR) primer design using free online software. Biochemistry and Molecular Biology Education, 39(2), 145–154. <https://doi.org/10.1002/bmb.20461>



- Vicari, K. (2014). The all-purpose guinea pig. *Lab Animal*, 43(3), 79–79.
<https://doi.org/10.1038/labani.486>
- Vidal, O. (2018). Deleterious mutations of mc1r in Guinea pig. *Animal Genetics*, 49(5), 498–499. <https://doi.org/10.1111/age.12708>
- Wolf Horrell, E. M., Boulanger, M. C., & D’Orazio, J. A. (2016). Melanocortin 1 receptor: Structure, function, and regulation. *Frontiers in Genetics*, 7.
<https://doi.org/10.3389/fgene.2016.00095>
- Zhang, X., Li, W., Liu, C., Peng, X., Lin, J., He, S., Li, X., Han, B., Zhang, N., Wu, Y., Chen, L., Wang, L., MaYila, Huang, J., & Liu, M. (2017). Alteration of sheep coat color pattern by disruption of ASIP gene via CRISPR CAS9. *Scientific Reports*, 7(1). <https://doi.org/10.1038/s41598-017-08636-0>