

BAB VI

DAFTAR PUSTAKA

- Akhlawat S, Sharma R, Maitra A. 2014. Designing, optimization, and validation of tetra primer *ARMS PCR* protocol for genotyping mutation in caprine Fc genes. *Metagene*, 2:439-49.
- Asadi Nematollah, Nanekarani, S. and Kherderzadeh, S., 2014. Genotypic frequency of calpastatin gene in lori sheep by polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) method. *African Journal of Biotechnology*, 13(19).
- Bartkova, J., Rezaei, N., Lontos, M., Karakaidos, P., Kletsas, D., Issaeva, N., Vassiliou, L.V.F., Kolettas, E., Niforou, K., Zoumpourlis, V.C. and Takaoka, M., 2006. Oncogene-induced senescence is part of the tumorigenesis barrier imposed by DNA damage checkpoints. *Nature*, 444(7119), p.633.
- Chaki, S., and Okuyama, S. 2005. *Involvement of Melanocortin-4 Receptor in Anxiety and Depression Peptides*. 26(10):1952-64.
- Collins, A., & Ke, X. 2012. Primer1: primer design web service for tetra-primer ARMS-PCR. *The Open Bioinformatics Journal*, 6(1).
- Cone, R.D. 1999. *The Central Melanocortin System and Energy Homeostasis*. *Trends Endocrinol Metab*. 10:211-16.
- Dooley, C.T., Dore, T.M., Hanson, G.T., Jackson, W.C., Remington, S.J. and Tsien, R.Y., 2004. Imaging dynamic redox changes in mammalian cells with green fluorescent protein indicators. *Journal of Biological Chemistry*, 279(21), pp.22284-22293.
- Froguel, P., and Boutin, P. 2001. *Genes and Development of Human Obesity : Genetics of Pathways Regulating Body Weight in The Development of Obesity in Humans*. *Exp Biol Med*. 226(11):991-96..
- Gray IC, Campbell DA, Spurr NK. 2002. Single nucleotides polymorphisms as tools in human genetics. *Hum Mol Gen*, 9, 2403-8.
- Hajihoseini, S., Motovali-Bashi, M., Honardoost, M. A., & Alerasool, N. 2015. Tetra-primer ARMS PCR optimization for detection of IVS-II-I (GA) and FSC 8/9 InsG mutations in β -thalassemia major patients in Isfahan population. *Iranian journal of public health*, 44(3), 380.
- Ho-Urriola Judith, Guzman-Guzman IP, Smalley SV, Gonzalez A, Weisstaub G, Dominguez-Vasquez P et al. 2014. *Melanocortin-4 receptor polymorphism rs17782313: Association with obesity and eating in the absence of hunger in Chilean children*. *Nutrition* 2014; 30: 145–149.

- Irani, B.G. and Haskell-Luevano, C. 2005. Feeding effects of melanocortin ligands a historical perspective. *Peptides*, 26(10), pp.1788-1799.
- Liu G, Zhu H, Lagou V, Gutin B, Barbeau P, Treiber FA, Dong Y, Snieder H. 2010. Common variants near melanocortin 4 receptor are associated with general and visceral adiposity in European- and African-American youth. *J Pediatr* 2010, 156:598–605.
- Lorenz T.C. 2012. Polymerase chain reaction: basic protocol plus troubleshooting and optimization strategies. *Journal of visualized experiments: JoVE*, (63).
- Magdeldin, S., Enany, S., Yoshida, Y., Xu, B., Zhang, Y., Zureena, Z., Yamamoto, T. 2014. Basics and recent advances of two dimensional-polyacrylamide gel electrophoresis. *Clinical proteomics*, 11(1), 16.
- Marcadenti Aline, Fuchs, F. D., Matte, U., Sperb, F., Moreira, L. B., & Fuchs, S. C. 2013. Effects of FTO RS9939906 and MC4R RS17782313 on obesity, type 2 diabetes mellitus and blood pressure in patients with hypertension. *Cardiovascular diabetology*, 12(1), 103.
- Medrano, R. F. V., & de Oliveira, C. A. 2014. Guidelines for the tetra-primer ARMS–PCR technique development. *Molecular biotechnology*, 56(7), 599-608.
- Miranzadeh-Mahabadi, H., Nikpour, P., Emadi-Baygi, M., & Kelishadi, R. 2015. Comparison of TaqMan Real-Time and Tetra-Primer ARMS PCR Techniques for Genotyping of Rs 8066560 Variant in Children and Adolescents with Metabolic Syndrome. *Advances in clinical and experimental medicine: official organ Wroclaw Medical University*, 24(6), 951-955.
- Park, S., Daily, J.W., Zhang, X., Jin, H.S., Lee, H.J. and Lee, Y.H., 2016. Interactions with the *MC4R* rs17782313 variant, mental stress and energy intake and the risk of obesity in Genome Epidemiology Study. *Nutrition & metabolism*, 13(1), p.38.
- Pardal, S. J. 2010. Menguji ekspresi gen menggunakan real time PCR. *Warta Penelitian dan Pengembangan Pertanian*, 32, 13-14.
- Pausova, Z., Syme, C.A., Abarahamowicz, M., Xiao, Y., Leonard, G.T., Perron, M., Richer, L., Veillette, S., Smith, G.D., Seda, O. and Tremblay, J. 2009. A common variant of the FTO gene is associated not only with increased adiposity but also elevated blood pressure in French-Canadians. *Circulation: Genomic and Precision Medicine*, pp.CIRCGENETICS-109.
- Pestana, E., Belak, S., Diallo, A., Crowther, J.R. and Viljoen, G.J. 2010. *Early, rapid and sensitive veterinary molecular diagnostics-real time PCR applications*. Springer Science & Business Media.

- Qi L, Kraft P, Hunter DJ, Hu FB. 2008. The common obesity variant near MC4R gene is associated with higher intakes of total energy and dietary fat, weight change and diabetes risk in women. *Hum Mol Genet*, 17:3502–3508.
- Rasmussen, H. (2018). *Restriction Fragment Length Polymorphism Analysis of PCR-Amplified Fragments (PCR-RFLP) and Gel Electrophoresis – Valuable Tool for Genotyping and Genetic Fingerprinting*. [online] Cdn.intechopen.com. Available at: http://cdn.intechopen.com/pdfs/35104/InTechRestriction_fragment_length_polymorphism_analysis_of_pcr_amplified_fragments_pcr_rflp_and_gel_electrophoresis_valuable_tool_for_genotyping_and_genetic_fingerprinting.pdf [Accessed 7 Jul. 2018].
- Sastroasmoro, S. 2007. *Dasar- Dasar Metodologi Penelitian Klinis*. Jakarta: Binarupa Aksara.
- Schwartz MW, Woods SC, Porte Jr D, Seeley RJ, Baskin DG. 2000. *Central nervous system control of food intake*. *Nature* 404:661-671
- Suhda, S., Paramita, D.K. and Fachiroh, J. 2016. *Tetra Primer ARMS PCR Optimization to Detect Single Nucleotide Polymorphisms of the CYP2E1 Gene*. *Asian Pacific journal of cancer prevention: APJCP*, 17(7), p.3065
- Shastri, B.S., 2002. SNP alleles in human disease and evolution. *Journal of human genetics*, 47(11), p.561.
- Sofro, A.S.M., 1994. *Keanekaragaman Genetik*. Penerbit Andi.
- Tschritter O, Haupt A, Preissl H, Ketterer C, Hennige AM, Sartorius T, Machicao F, Fritsche A, Häring HU. 2011. An obesity risk SNP (rs17782313) near the MC4R gene is associated with cerebrocortical insulin resistance in humans. *J Obes*, 2011:283153.
- Valette, M., *et al.* 2013. Eating behaviour in obese patients with melanocortin-4 receptor mutations: a literature review. *International journal of obesity*, 37.8: 1027.
- Ye S., Dhillon S., Ke, X., Collins, A. R., & Day, I. N. 2001. An efficient procedure for genotyping single nucleotide polymorphisms. *Nucleic acids research*, 29(17), e88-e88.
- Yilmaz Z, Davis C, Loxton N. J., Kaplan A. S., Levitan R. D., Carter J. C., & Kennedy J. L. 2015. Association between MC4R rs17782313 polymorphism and overeating behaviours. *International journal of obesity*, 39(1), 114.