



DAFTAR PUSTAKA

- Anderson, S., A.T. Bankier, B.G. Barrell, M.H.L. de Brujin, A.R. Coulson, J. Drouin, I.C. Eperon, D.P. Nierlich, B.A. Roe, F. Sanger, P.H. Schreier, A.J.H. Smith, R. Staden & I.G. Young. 1981. Sequence and organization of the human mitochondrial genome. *Nature*. 290:457–465.
- Andrews, R.M., I. Kubacka, P.F. Chinnery, R.N. Lightowers, D.M Turnbull & N. Howell. 1999. Reanalysis and revision of the Cambridge reference sequence for human mitochondrial DNA. *Nat Genet*. 23(2): 147.
- Albert, B., A. Johnson, J. Lewis, D. Morgan, M. Raff, K. Roberts & P. Walker. 2015. *Molecular Biology of The Cell*. 6th Edition. Garland Science. New York. Pp 757-758.
- Akouchekian, M., M.H. Shooshtari, H. Heidary & Moeinian. 2018. New substitutions of mitochondrial DNA in Iranian autistic children. *Genetics*. 3:e87-e91.
- Bandelt, H.J., A.K. Brandstatter, M.B. Richards, Y.G. Yao & I. Logan. 2013. The case for the continuing use of the revised Cambridge Reference sequence (rCRS) and the standardization of notation in human mitochondrial DNA studies. *Journal of Human Genetics*. 1-12.
- Bandelt, H.J., V. Macaulay & M. Richards. 2006. *Human Mitochondrial DNA and the Evolution of Homo sapiens*. Springer. Berlin, Germany. Pp. 1-6.
- Bappeda Surakarta. 2019. Sistem Informasi Pembangunan Daerah Kota Surakarta
- Beall, C. M. 2006. Andean, Tibetan, and Ethiopian patterns of adaptation to high-altitude hypoxia. *Integr. Comp. Biol.* 46(1): 18–24.
- Bigham, A., M. Bauchet, D. Pinto, X. Mao, J.M. Akey, R. Mei, S.W. Scherer, C.G. Julian, M.J. Wilson, D.L. Herraez, T. Brutsaert, E.J. Parra, L.G. Moore, & M. D. Shriver. 2010. Identifying Signatures of Natural Selection in Tibetan and Andean Populations Using Dense Genome Scan Data. *PLoS Genet*. 6(9): e1001116.
- Dautant, A., T. Meier, A. Hahn, D.T. Tanvier, J.P. Rago & R. Kucharczyk. 2018. ATP synthase disease of mitochondrial genetic origin. *Frontiers in Physiology*. 9(329):1-16.
- Dinas Lingkungan Hidup Kota Surakarta. 2019. *Dokumen Informasi Kinerja Pengelolaan Lingkungan Hidup Daerah Kota Surakarta Tahun 2019*. Pemerintah Kota Surakarta, Surakarta, Hal. 7-8.
- De Jong, M.A., N. Wahlberf, M. van Eijk, P.M. Brakefield, & B.J. Zwaan. 2011. Mitochondrial DNA Signature for Range-Wide Populations of *Bicyclus anynana* Suggests a Rapid Expansion from Recent Refugia. *PloS One*. 6(6):e21385.
- Dogan, I. & N. Dogan. 2016. Genetic Distance Measure:Review. *J Biostat*. 8(1):87-93.
- Eroglu, G.B., C. Inan, R. Nalcacioglu, & Z. Demirbag. 2020. Genome sequence analysis of a *Helicoverpa armigera* single nucleopolyhedrovirus (HearNPV-TR) isolated from *Heliothis peltigera* in Turkey. *PLoS One*. 15(6):e0234635.
- Fakhri, F., I. Narayani, I.G.N.K. Mahardika. 2015. Keragaman Genetik Ikan Cakalang (*Katsuwonus pelamis*) dari Kabupaten Jembrana dan Karangasem, Bali. *Journal Biologi*. 19(1): 11-14.
- Galber, C., M.J. Acosta, G. Minervini & V. Giorgio. 2020. The role of mitochondrial ATP synthase in cancer. *Biol. Chem.* 401(11):1199-1214.



- Galber, C., S. Carissimi, A. Baracca & V. Giorgio. 2021. The ATP Synthase Deficiency in Human Diseases. *Life*. 11:325.
- Gudiseva, H.V., M. Hansen, L. Gutierrez, D.W. Collins, J.He, L.D. Verkuil, I.D. Danford, A.Sagaser., A.S. Bowman, R.Salowe, P.S. Sankar., E.M. Ellis, A. Lehman & J.M O'Brien. 2016. Saliva DNA quality and genotyping efficiency in a predominantly elderly population. *BMC Medical Genomics*. 9:17.
- Guo, C., I.C. McDowell, M. Nodzenski, D.M. Scholters, A.S. Allen, W.L. Lowe & T.E. Eddy. 2017. Transversions have larger regulatory effects than transisions. *BMC Genomics*. 18:394.
- Grant, W.S & B.W. Bowen. 1998. Shallow population histories in deep evolutionary lineages of marine fishes: insight from sardines and anchovies and lessons for conservation. *Journal of Heredity*. 89(5):425-426.
- Hartl, D.L. 2020. *A Primer of Population Genetics and Genomics*. 4th Edition. Oxford University Press. Oxford. Pp. 4-8.
- Jonckheere, A.I., J.A.M. Smeitink & R.J.T. Rodenburg. 2012. Mitochondrial ATP synthase: architecture, function and pathology. *J Inher Metab Dis*. 35:211-225.
- Joubert, F. & N. Puff. 2021. Mitochondrial Cristae Architecture and Functions: Lessons from Minimal Model Systems. *Membranes*. 11(465):1-27.
- Klug, W.S., M.R. Cummings, C.A. Spencer, M.A. Palladino & D.J. Killian. 2019. *Concepts of Genetics*. 12th Edition. Pearson Education. New Jersey. Pp. 293.
- Li, H., D. Liu, J. Lu & Y. Bai. 2011. Physiology and Pathophysiology of Mitochondrial DNA. *Advances in Mitochondrial Medicine*. 39-51.
- Librado, P. & J. Rozas. 2009. DnaSP v5: A software for comprehensive analysis of DNA polymorphism data. *Bioinformatics*. 25(11): 1451– 1452.
- Lind, C., J. Sund, & J. Aqvist. 2013. Codon-reading specificities of mitochondrial release factors and translation termination at non-standard stop codons. *Nature Communications*. 4: 2940.
- Lucena-Aguilar, G., Sánchez-López, A. M., Barberán-Aceituno, C., Carrillo-Ávila, J. A., López-Guerrero, J. A., & Aguilar-Quesada, R. 2016. DNA Source Selection for Downstream Applications Based on DNA Quality Indicators Analysis. *Biopreservation and Biobanking*. 14(4): 264–270.
- Lyons, E.A., M.K. Scheible, K. Strunk-Andreaggi, J.A. Irwin & R.S. Just. 2013. A high-throughput Sanger strategy for human mitochondrial genome sequencing. *BMC Genomics*. 14:881.
- Mahdieh, N & B. Rabbani. 2013. An overview of mutation detection methods in genetic disorders. *Iran J Pediatr*. 33(4): 375-388.
- Mishra, A. 2018. Mitochondrial DNA. In J. Vonk & T.K. Shackelford (eds.), *Encyclopedia of Animal Cognition and Behavior*. Springer. New York. Pp. 1-4.
- Morales, S.J., C.J.P. Amado, E. Langley & A.H. Miranda. 2018. Overview of mitochondrial germline variants and mutations in human disease: Focus on breast cancer (Review). *International Journal of Oncology*. 53:9223-936.
- Neupane, P., S.Bhuju, N. Thapa, & H.K. Bhattacharai. 2019. ATP Synthase: structure, function and inhibition. *BioMol Concepts*. 10:1-10.
- Nishimaki, T. & K. Sato. 2019. An Extension of the Kimura-two-Parameter model to the natural evolutionary process. *J Mol Evol*. 87(1): 60–67.
- Piryaei, F., M. Houshmand., O. Aryani, S. Dadgar & Z.S. Soheili. 2012. Investigation of the Mitochondrial ATPase 6/8 and tRNALys Genes



- Mutations in Autism. *Cell Journal.* 14(20): 98-101.
- Ruiz-Pesini, E. & D. Wallace. 2006. Evidence for adaptive selection acting on the tRNA and rRNA genes of human mitochondrial DNA. *Hum. Mutat.* 27(11): 1072–1081.
- Salisbury, B.A., M. Pungliya, J.Y. Choi, R.Jiang, X.J. Sun & J.C. Stephens. 2003. SNP and Haplotype variation in the human genome. *Mutation Research.* 526:53-61.
- Sanna, C.R., W-H. Li, & L. Zhang. 2008. Overlapping genes in the human and mouse genomes. *BMC Genomics.* 9:169.
- Satiyarti, R.B., R. Ramadhan & R. Mulyani. 2020. Identification of ATPase6 gene mutation from cimahi clinical isolates. *Journal of Physics.* 1567: 032059
- Sequeira, A., B. Rollins, C. Magnan, M. Van Oven, P. Baldi, R. M. Myers, J.d Barchas, A.F Schatzberg, S.J Watson, H. Akil, W.E Bunney & M. P. Vawter. 2015. Mitochondrial mutations in subjects with psychiatric disorders. *PLoS ONE* 10:e0127280.
- Shin, J., K.C. Kim., D.C. Lee, H.R. Lee & J.Y. Shim. 2017. Association between Salivary Mitochondrial DNA Copy Number and Chronic Fatigue according to Combined Symptoms in Korean Adults. *Korean Journal of Family Medicine.* 38:206-212.
- Singh, K.K. & M. Kulawiec. 2009. Mitochondrial DNA Polymorphism and Risk of Cancer. *Methods Mol Biol.* 471: 291-303.
- Strachan, T. & A.P. Read. 2019. *Human Molecular Genetics.* 5th Edition. CRC Pres. Boca Raton. Pp. 41-45, 279-282.
- Strahler, A. 2011. *Introducing Physical Geography.* John Wiley&Sons. Hoboken. Pp. 232-233.
- Storz, J. F. 2021. High-altitude adaptation: Mechanistic insights from integrated genomics and physiology. *Mol. Biol. Evol.* 38(7): 2677–2691.
- Tamura, K., G. Stencher, & S. Kumar. 2021. MEGA11: Molecular evolutionary genetic analysis version 11. *Molecular Biology and Evolution.* 38(7):3022-3027.
- Tan, D.J., R.K. Bai & L.J.C. Wong. 2002. Comprehensive Scanning of Somatic Mitochondrial DNA Mutations in Breast Cancer. *Cancer Research.* 62:972-976.
- Teama, S. 2018. DNA Polymorphisms: DNA-Based Molecular Markers and Their Application in Medicine. *Genetic Diversity and Disease Susceptibility.* 79517.
- Tipirisetti, N.R., R.K. Lakshmi, S. Govatati, S. Govatati, S. Vuree, L. Singh, D.R. Rao, M. Bhanoori & S. Vishnupriya. 2013. Mitochondrial genome variations in advanced stage breast cancer: A case-control study. *Mitochondrion.* 372-378.
- Trent, R. J. 2012. DNA Genetic Testing. *Molecular Medicine,* 81–115.
- Ueno, H., Y. Nishigaki, Q. P. Kong, N. Fuku, S. Kojima, N. Iwata, N. Ozaki, M. Tanaka. 2009. Analysis of mitochondrial DNA variants in Japanese patients with schizophrenia. *Mitochondrion.* 9(6):385–393.
- Verma, R.K., A. Kalyakulina, A. Mishra, M. Ivanchenko & S. Jalan. 2022. Role of mitochondrial genetic interactions in determining adaptation to high altitude human population. *Sci Rep.* 12(1):2046.
- Zhu, Y., X. Gu & C. Xu. 2018. Mitochondrial DNA 7908–8816 region mutations in maternally inherited essential hypertensive subjects in China. *BMC Medical Genomics.* 11:89.