

BIO2092

Genomics and Introductory Bioinformatics

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[1]

Agostino, M.J. 2013. Practical bioinformatics. Garland Science.

[2]

Allison et al., D.B. 2006. 'Microarray data analysis: from disarray to consolidation and consensus'. Nature Reviews Genetics. 7, 1 (2006), 55-65.

[3]

Aritua et al., V. 2015. 'The draft genome sequence of Xanthomonas species strain Nyagatare, isolated from diseased bean in Rwanda'. FEMS Microbiology Letters. 362, 4 (2015), 1-4.

[4]

Armstrong, L. 2013. Chapter 1: 'Introduction to the Study of Epigenetics'. Epigenetics. Garland Science. 1-5.

[5]

Armstrong, L. 2013. Epigenetics. Garland Science.

[6]

Biosciences - LibGuides at University of Exeter: <http://libguides.exeter.ac.uk>.

[7]

Brown, T.A. 2017. Chapter 4: 'Genome Sequencing'. Genomes 4. Garland Science. 87–117.

[8]

Brown, T.A. 2017. Genomes 4. Garland Science.

[9]

Clyde, D. 2018. 'The girl with Neanderthal and Denisovan parents'. Nature Reviews Genetics. 19, 11 (2018), 668–669.

[10]

Eddy, S.R. 2004. 'What is a hidden Markov model?' Nature Biotechnology. 22, 10 (2004), 1315–1316.

[11]

Eyre et al., D.W. 2018. 'A Candida auris Outbreak and Its Control in an Intensive Care Setting'. New England Journal of Medicine. 379, 14 (2018), 1322–1331.

[12]

Jobling, M.A. et al. 2013. Human Evolutionary Genetics: Origins, Peoples and Disease. Garland Science.

[13]

Learn.Genetics 2018. The Epigenome at a Glance. University of Utah.

[14]

Lesk, A.M. 2017. Chapter 1: 'Introduction and Background'. Introduction to Genomics. Oxford University Press. 1–61.

[15]

Lesk, A.M. 2014. Introduction to bioinformatics. Oxford University Press.

[16]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[17]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[18]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[19]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[20]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[21]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[22]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[23]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[24]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[25]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[26]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[27]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[28]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[29]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[30]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[31]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[32]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[33]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[34]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[35]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[36]

Lesk, A.M. 2017. Introduction to Genomics. Oxford University Press.

[37]

Lesk, A.M. 2012. Introduction to Genomics. Oxford University Press.

[38]

Morcrette et al., H. 2018. 'Genome Sequence of Staphylococcus aureus Ex1, Isolated from a Patient with Spinal Osteomyelitis' [in] Genome Announcements. Genome Announcements. 6, 26 (2018).

[39]

Nagarajan, N. and Pop, M. 2013. 'Sequence assembly demystified'. Nature Reviews Genetics. 14, 3 (2013), 157–167.

[40]

Rasmussen et al., M. 2010. 'Ancient human genome sequence of an extinct Palaeo-Eskimo'. *Nature*. 463, 7282 (2010), 757–762.

[41]

Satta, G. et al. 2017. 'Mycobacterium tuberculosis and whole genome sequencing: a practical guide and online tools available for the clinical microbiologist'. *Clinical Microbiology and Infection*. 23, 2 (2017), 69–72.

[42]

Sjölander et al., K. 1996. 'Dirichlet mixtures: a method for improved detection of weak but significant protein sequence homology'. *Bioinformatics*. 12, 4 (1996), 327–345.

[43]

Snyder, M. 2015. *Genomics and Personalized Medicine: What Everyone Needs to Know*.

[44]

Strachan, T. et al. 2015. *Genetics and Genomics in Medicine*. Garland Science.

[45]

Studholme, D.J. 2016. 'Genome Update. Let the consumer beware: Streptomyces genome sequence quality'. *Microbial Biotechnology*. 9, 1 (2016), 3–7.

[46]

Wang, Z. et al. 2009. 'RNA-Seq: a revolutionary tool for transcriptomics'. *Nature Reviews Genetics*. 10, 1 (2009), 57–63.

[47]

Warren, M. 2018. 'Mum's a Neanderthal, Dad's a Denisovan: First discovery of an ancient-human hybrid'. *Nature*. 560, 7719 (2018), 417–418.

[48]

Weyrich et al., L.S. 2017. 'Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus'. *Nature*. 544, 7650 (2017), 357–361.