

# BIO2092

Genomics and Introductory Bioinformatics

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1.  
Biosciences - LibGuides at University of Exeter [Internet]. Available from:  
<http://libguides.exeter.ac.uk>
  2.  
Rasmussen et al. M. 'Ancient human genome sequence of an extinct Palaeo-Eskimo'.  
Nature [Internet]. 2010;463(7282):757–762. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nature08835>
  3.  
Warren M. 'Mum's a Neanderthal, Dad's a Denisovan: First discovery of an ancient-human hybrid'.  
Nature [Internet]. 2018;560(7719):417–418. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/d41586-018-06004-0>
  4.  
Weyrich et al. LS. 'Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus'.  
Nature [Internet]. 2017;544(7650):357–361. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nature21674>
  5.  
Clyde D. 'The girl with Neanderthal and Denisovan parents'. Nature Reviews Genetics  
[Internet]. 2018;19(11):668–669. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/s41576-018-0054-6>

6.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

7.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

8.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

9.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

10.

Sjölander et al. K. 'Dirichlet mixtures: a method for improved detection of weak but significant protein sequence homology'. *Bioinformatics* [Internet]. 1996;12(4):327-345. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://academic.oup.com/bioinformatics/article/12/4/327/183678>

11.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

12.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

13.

Brown TA. Chapter 4: 'Genome Sequencing'. Genomes 4 [Internet]. 4th ed. New York, NY: Garland Science; 2017. p. 87–117. Available from: <https://contentstore.cla.co.uk/secure/link?id=74138255-ba9e-e711-80cb-005056af4099>

14.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

15.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

16.

Armstrong L. Chapter 1: 'Introduction to the Study of Epigenetics'. Epigenetics [Internet]. New York, NY: Garland Science; 2013. p. 1–5. Available from: <https://contentstore.cla.co.uk/secure/link?id=75378dfb-b167-e711-80cb-005056af4099>

17.

Learn.Genetics. The Epigenome at a Glance [Internet]. Salt Lake City, UT: University of Utah; 2018. Available from: <http://learn.genetics.utah.edu/content/epigenetics/intro/>

18.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

19.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

20.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

21.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

22.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

23.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

24.

Eddy SR. 'What is a hidden Markov model?' Nature Biotechnology [Internet]. 2004;22(10):1315–1316. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nbt1004-1315>

25.

Lesk AM. Chapter 1: 'Introduction and Background'. Introduction to Genomics [Internet].

Third edition. Oxford, United Kingdom: Oxford University Press; 2017. p. 1–61. Available from:

<https://contentstore.cla.co.uk/secure/link?id=93bfaea9-67f4-e711-80cd-005056af4099>

26.

Aritua et al. V. 'The draft genome sequence of *Xanthomonas* species strain Nyagatare, isolated from diseased bean in Rwanda'. *FEMS Microbiology Letters* [Internet].

2015;362(4):1–4. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://academic.oup.com/femsle/article/362/4/1/535186>

27.

Morcrette et al. H. 'Genome Sequence of *Staphylococcus aureus* Ex1, Isolated from a Patient with Spinal Osteomyelitis' [in] *Genome Announcements*. *Genome Announcements* [Internet]. American Society for Microbiology; 2018;6(26). Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://mra.asm.org/content/6/26/e00623-18>

28.

Eyre et al. DW. 'A *Candida auris* Outbreak and Its Control in an Intensive Care Setting'. *New England Journal of Medicine* [Internet]. 2018;379(14):1322–1331. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.nejm.org/doi/10.1056/NEJMoa1714373>

29.

Satta G, Atzeni A, McHugh TD. 'Mycobacterium tuberculosis and whole genome sequencing: a practical guide and online tools available for the clinical microbiologist'.

*Clinical Microbiology and Infection* [Internet]. 2017;23(2):69–72. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1198743X16303925?via%3Dihub>

30.

Lesk AM. *Introduction to Genomics*. Third edition. Oxford: Oxford University Press; 2017.

31.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

32.

Snyder M. Genomics and Personalized Medicine: What Everyone Needs to Know [Internet]. 2015. Available from: <https://www.vlebooks.com/vleweb/Product/Index/683508?page=0>

33.

Strachan T, Goodship J, Chinnery PF. Genetics and Genomics in Medicine. London: Garland Science; 2015.

34.

Brown TA. Genomes 4 [Internet]. 4th ed. New York, NY: Garland Science; 2017. Available from: <http://lib.exeter.ac.uk/record=b3519969~S6>

35.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

36.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

37.

Jobling MA, Hollox E, Kivisild T, Tyler-Smith C, Hurles M. Human Evolutionary Genetics: Origins, Peoples and Disease. 2nd edition. New York, NY: Garland Science; 2013.

38.

Armstrong L. Epigenetics. New York, NY: Garland Science; 2013.

39.

Agostino MJ. Practical bioinformatics [Internet]. New York, NY: Garland Science; 2013.

Available from:

<https://app.kortext.com/Shibboleth.sso/Login?entityID=https%3A%2F%2Flibrary.exeter.ac.uk%2Fidp%2Fshibboleth&target=https://app.kortext.com/borrow/43762>

40.

Lesk AM. Introduction to bioinformatics. Fourth edition. Oxford: Oxford University Press; 2014.

41.

Nagarajan N, Pop M. 'Sequence assembly demystified'. Nature Reviews Genetics [Internet]. 2013;14(3):157-167. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nrg3367>

42.

Studholme DJ. 'Genome Update. Let the consumer beware: Streptomyces genome sequence quality'. Microbial Biotechnology [Internet]. 2016;9(1):3-7. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://onlinelibrary.wiley.com/doi/full/10.1111/1751-7915.12344>

43.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

44.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

45.

Lesk AM. Introduction to Genomics. Third edition. Oxford: Oxford University Press; 2017.

46.

Lesk AM. Introduction to Genomics [Internet]. Second edition. Oxford: Oxford University Press; 2012. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&direct=true&db=nlebk&AN=678227&site=ehost-live>

47.

Allison et al. DB. 'Microarray data analysis: from disarray to consolidation and consensus'. Nature Reviews Genetics [Internet]. 2006;7(1):55–65. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nrg1749>

48.

Wang Z, Gerstein M, Snyder M. 'RNA-Seq: a revolutionary tool for transcriptomics'. Nature Reviews Genetics [Internet]. 2009;10(1):57–63. Available from:  
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nrg2484>