Computational tools used for telomeric content

TelomereHunter

Methodology article | Open Access | Published: 28 May 2019

TelomereHunter – in silico estimation of telomere content and composition from cancer genomes

Lars Feuerbach ⊡, Lina Sieverling, Katharina I. Deeg, Philip Ginsbach, Barbara Hutter, Ivo Buchhalter, Paul A. Northcott, Sadaf S. Mughal, Priya Chudasama, Hanno Glimm, Claudia Scholl, Peter Lichter, Stefan Fröhling, Stefan M. Pfister, David T. W. Jones, Karsten Rippe & Benedikt Brors

<u>BMC Bioinformatics</u> **20**, Article number: 272 (2019) | <u>Cite this article</u> **2785** Accesses | **2** Citations | **4** Altmetric | <u>Metrics</u>

German Cancer Research Center (DKFZ)

Article | Open Access | Published: 05 February 2020

Genomic footprints of activated telomere maintenance mechanisms in cancer

Lina Sieverling, Chen Hong, Sandra D. Koser, Philip Ginsbach, Kortine Kleinheinz, Barbara Hutter, Delia M. Braun, Isidro Cortés-Ciriano, Ruibin Xi, Rolf Kabbe, Peter J. Park, Roland Eils, Matthias Schlesner, PCAWG-Structural Variation Working Group, Benedikt Brors, Karsten Rippe, David T. W. Jones, Lars Feuerbach № & PCAWG Consortium

Nature Communications 11, Article number: 733 (2020) | Cite this article 9348 Accesses | 5 Citations | 60 Altmetric | Metrics ICGC

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Natalia Voronina, John K. L. Wong, [...] Aurélie Ernst ⊡

Nature Communications 11, Article number: 2320 (2020) | Cite this article 2536 Accesses | 45 Altmetric | Metrics

German Cancer Research Center (DKFZ)

Telomerecat

Article Open Access Published: 22 January 2018

Telomerecat: A ploidy-agnostic method for estimating telomere length from whole genome sequencing data

James H. R. Farmery ☑, Mike L. Smith, NIHR BioResource - Rare Diseases & Andy G. Lynch

Scientific Reports 8, Article number: 1300 (2018) | Cite this article
3157 Accesses | 10 Citations | 16 Altmetric | Metrics

University of Cambridge

Article | Published: 23 October 2019

The landscape of somatic mutation in normal colorectal epithelial cells

Henry Lee-Six, Sigurgeir Olafsson, Peter Ellis, Robert J. Osborne, Mathijs A. Sanders, Luiza Moore, Nikitas Georgakopoulos, Franco Torrente, Ayesha Noorani, Martin Goddard, Philip Robinson, Tim H. H. Coorens, Laura O'Neill, Christopher Alder, Jingwei Wang, Rebecca C. Fitzgerald, Matthias Zilbauer, Nicholas Coleman, Kourosh Saeb-Parsy, Inigo Martincorena, Peter J. Campbell & Michael R. Stratton

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Nature 574, 532–537(2019) | Cite this article

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Wellcome Sanger Institute
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Article | Published: 13 August 2018

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Geoff Macintyre, Teodora E. Goranova, [...] James D. Brenton ☑

*Nature Genetics** 50, 1262–1270(2018) | Cite this article

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*University of Cambridge
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qMotif

qMotif is an unpublished tool

Telomere sequence content can be used to determine ALT activity in tumours 3

Michael Lee, Erdahl T Teber, Oliver Holmes, Katia Nones, Ann-Marie Patch, Rebecca A Dagg, Loretta M S Lau, Joyce H Lee, Christine E Napier, Jonathan W Arthur ... Show more

Nucleic Acids Research, Volume 46, Issue 10, 1 June 2018, Pages 4903–4918, https://doi.org/10.1093/nar/gky297

Published: 30 April 2018 Article history ▼