

Random replication of the inactive X chromosome

Genome Research

24, 64-69

DOI: [10.1101/gr.161828.113](https://doi.org/10.1101/gr.161828.113)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Our Fallen Genomes. <i>Science</i> , 2013, 342, 564-565.	6.0	8
2	Allele-Specific Genome-wide Profiling in Human Primary Erythroblasts Reveal Replication Program Organization. <i>PLoS Genetics</i> , 2014, 10, e1004319.	1.5	54
3	Inferring the spatiotemporal DNA replication program from noisy data. <i>Physical Review E</i> , 2014, 89, 032703.	0.8	10
4	Genetic Variation in Human DNA Replication Timing. <i>Cell</i> , 2014, 159, 1015-1026.	13.5	149
5	Variable escape from X-chromosome inactivation: Identifying factors that tip the scales towards expression. <i>BioEssays</i> , 2014, 36, 746-756.	1.2	88
6	PRC1 complex diversity: where is it taking us?. <i>Trends in Cell Biology</i> , 2014, 24, 632-641.	3.6	148
7	DNA replication timing: Coordinating genome stability with genome regulation on the X chromosome and beyond. <i>BioEssays</i> , 2014, 36, 997-1004.	1.2	12
8	A new light on DNA replication from the inactive X chromosome. <i>BioEssays</i> , 2014, 36, 591-597.	1.2	5
9	The controversial role of the Polycomb group proteins in transcription and cancer: how much do we not understand Polycomb proteins?. <i>FEBS Journal</i> , 2015, 282, 1703-1722.	2.2	50
10	Allele-specific analysis of DNA replication origins in mammalian cells. <i>Nature Communications</i> , 2015, 6, 7051.	5.8	40
11	Nuclear Envelope and Chromatin, Lock and Key of Genome Integrity. <i>International Review of Cell and Molecular Biology</i> , 2015, 317, 267-330.	1.6	20
12	DNA replication in nurse cell polytene chromosomes of <i>Drosophila melanogaster</i> otu mutants. <i>Chromosoma</i> , 2015, 124, 95-106.	1.0	3
13	A Tale of Two Cities: How Xist and its partners localize to and silence the bicompartmental X. <i>Seminars in Cell and Developmental Biology</i> , 2016, 56, 19-34.	2.3	26
14	Replication timing and transcriptional control: beyond cause and effect – part III. <i>Current Opinion in Cell Biology</i> , 2016, 40, 168-178.	2.6	124
15	A Genetically Encoded Probe for Live-Cell Imaging of H4K20 Monomethylation. <i>Journal of Molecular Biology</i> , 2016, 428, 3885-3902.	2.0	52
16	Female chromosome X mosaicism is age-related and preferentially affects the inactivated X chromosome. <i>Nature Communications</i> , 2016, 7, 11843.	5.8	86
17	Replicating Large Genomes: Divide and Conquer. <i>Molecular Cell</i> , 2016, 62, 756-765.	4.5	83
18	X inactivation and reactivation in X-linked diseases. <i>Seminars in Cell and Developmental Biology</i> , 2016, 56, 78-87.	2.3	43

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19	DNA replication timing during development anticipates transcriptional programs and parallels enhancer activation. <i>Genome Research</i> , 2017, 27, 1406-1416.	2.4	56
20	Genome-wide Determination of Mammalian Replication Timing by DNA Content Measurement. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	6
21	Characterization of breakpoint regions of large structural autosomal mosaic events. <i>Human Molecular Genetics</i> , 2017, 26, 4388-4394.	1.4	2
22	Order from clutter: selective interactions at mammalian replication origins. <i>Nature Reviews Genetics</i> , 2017, 18, 101-116.	7.7	51
23	Anatomy of Mammalian Replication Domains. <i>Genes</i> , 2017, 8, 110.	1.0	16
24	Epigenetic Regulation of Replication and Replication Timing. , 2017, , 141-163.		0
25	Replication timing and nuclear structure. <i>Current Opinion in Cell Biology</i> , 2018, 52, 43-50.	2.6	23
26	Analyzing Copy Number Variation with Droplet Digital PCR. <i>Methods in Molecular Biology</i> , 2018, 1768, 143-160.	0.4	37
27	Genome-wide analysis of replication timing by next-generation sequencing with E/L Repli-seq. <i>Nature Protocols</i> , 2018, 13, 819-839.	5.5	126
28	Epigenetic differences between naïve and primed pluripotent stem cells. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1191-1203.	2.4	84
29	Rapid high-resolution measurement of DNA replication timing by droplet digital PCR. <i>Nucleic Acids Research</i> , 2018, 46, e112-e112.	6.5	10
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31	Maintenance of epigenetic landscape requires CIZ1 and is corrupted in differentiated fibroblasts in long-term culture. <i>Nature Communications</i> , 2019, 10, 460.	5.8	10
32	Retargeting of macroH2A following mitosis to cytogenetic-scale heterochromatic domains. <i>Journal of Cell Biology</i> , 2019, 218, 1810-1823.	2.3	5
33	DNA Replication Timing Enters the Single-Cell Era. <i>Genes</i> , 2019, 10, 221.	1.0	11
34	Replication dynamics of individual loci in single living cells reveal changes in the degree of replication stochasticity through S phase. <i>Nucleic Acids Research</i> , 2019, 47, 5155-5169.	6.5	16
35	The non-canonical SMC protein SmcHD1 antagonises TAD formation and compartmentalisation on the inactive X chromosome. <i>Nature Communications</i> , 2019, 10, 30.	5.8	87
36	Mapping replication timing domains genome wide in single mammalian cells with single-cell DNA replication sequencing. <i>Nature Protocols</i> , 2020, 15, 4058-4100.	5.5	19

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40	TIGER: inferring DNA replication timing from whole-genome sequence data. Bioinformatics, 2021, 37, 4001-4005.	1.8	19
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