

*TERT* promoter mutations occur frequently in gliomas derived from cells with low rates of self-renewal

Proceedings of the National Academy of Sciences of the United States of America  
110, 6021-6026

DOI: [10.1073/pnas.1303607110](https://doi.org/10.1073/pnas.1303607110)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Protein Residues That Control the Reaction Trajectory in <i>S-</i> Adenosylmethionine Radical Enzymes: Mutagenesis of Asparagine 153 and Aspartate 155 in <i>Escherichia coli</i> Biotin Synthase. <i>Biochemistry</i> , 2009, 48, 2448-2458.	1.2	21
2	LOW GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2012, 14, i69-i81.	0.6	5
3	TERT promoter mutations in ocular melanoma distinguish between conjunctival and uveal tumours. <i>British Journal of Cancer</i> , 2013, 109, 497-501.	2.9	103
4	Frequency of TERT promoter mutations in human cancers. <i>Nature Communications</i> , 2013, 4, 2185.	5.8	740
5	The chromatin remodeller ATRX: a repeat offender in human disease. <i>Trends in Biochemical Sciences</i> , 2013, 38, 461-466.	3.7	103
6	TERT promoter mutations in primary and secondary glioblastomas. <i>Acta Neuropathologica</i> , 2013, 126, 931-937.	3.9	209
7	ATRX loss refines the classification of anaplastic gliomas and identifies a subgroup of IDH mutant astrocytic tumors with better prognosis. <i>Acta Neuropathologica</i> , 2013, 126, 443-451.	3.9	304
8	Integrative Annotation of Variants from 1092 Humans: Application to Cancer Genomics. <i>Science</i> , 2013, 342, 1235587.	6.0	341
9	High frequency of telomerase reverse-transcriptase promoter somatic mutations in hepatocellular carcinoma and preneoplastic lesions. <i>Nature Communications</i> , 2013, 4, 2218.	5.8	513
10	Inhibition of Telomerase Recruitment and Cancer Cell Death. <i>Journal of Biological Chemistry</i> , 2013, 288, 33171-33180.	1.6	42
11	A Nondegenerate Code of Deleterious Variants in Mendelian Loci Contributes to Complex Disease Risk. <i>Cell</i> , 2013, 155, 70-80.	13.5	209
12	Distribution of TERT promoter mutations in pediatric and adult tumors of the nervous system. <i>Acta Neuropathologica</i> , 2013, 126, 907-915.	3.9	254
13	TERT promoter mutations rather than methylation are the main mechanism for TERT upregulation in adult gliomas. <i>Acta Neuropathologica</i> , 2013, 126, 939-941.	3.9	62
14	<i>TERT</i> Promoter Mutations Occur Early in Urothelial Neoplasia and Are Biomarkers of Early Disease and Disease Recurrence in Urine. <i>Cancer Research</i> , 2013, 73, 7162-7167.	0.4	214
15	The Somatic Genomic Landscape of Glioblastoma. <i>Cell</i> , 2013, 155, 462-477.	13.5	3,979
16	Promoting a new brain tumor mutation: TERT promoter mutations in CNS tumors. <i>Acta Neuropathologica</i> , 2013, 126, 789-792.	3.9	15
17	Telomere length and risk of glioma. <i>Cancer Epidemiology</i> , 2013, 37, 935-938.	0.8	28
18	Chromothripsis and beyond: rapid genome evolution from complex chromosomal rearrangements. <i>Genes and Development</i> , 2013, 27, 2513-2530.	2.7	220

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19	Integration of cancer genomics with treatment selection. <i>Cancer</i> , 2013, 119, 3914-3928.	2.0	15
20	Upregulating mutations in the TERT promoter commonly occur in adult malignant gliomas and are strongly associated with total 1p19q loss. <i>Acta Neuropathologica</i> , 2013, 126, 267-276.	3.9	315
21	Pediatric high-grade astrocytomas: a distinct neuro-oncological paradigm. <i>Genome Medicine</i> , 2013, 5, 66.	3.6	23
22	Highly prevalent TERT promoter mutations in bladder cancer and glioblastoma. <i>Cell Cycle</i> , 2013, 12, 1637-1638.	1.3	123
23	Frequent Somatic TERT Promoter Mutations in Thyroid Cancer: Higher Prevalence in Advanced Forms of the Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1562-E1566.	1.8	378
24	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. <i>Acta Neuropathologica</i> , 2013, 126, 917-929.	3.9	146
25	Cell-cell adhesion genes CTNNA2 and CTNNA3 are tumour suppressors frequently mutated in laryngeal carcinomas. <i>Nature Communications</i> , 2013, 4, 2531.	5.8	71
26	Molecular mechanisms of ETS transcription factor-mediated tumorigenesis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 522-543.	2.3	113
27	The molecular landscape of diffuse glioma and prospects for biomarker development. <i>Expert Opinion on Medical Diagnostics</i> , 2013, 7, 573-587.	1.6	9
28	Molecular insights into brain tumors. <i>Current Opinion in Neurology</i> , 2013, 26, 678-680.	1.8	1
29	Next-generation molecular genetics of brain tumours. <i>Current Opinion in Neurology</i> , 2013, 26, 681-687.	1.8	15
30	Predictive biomarkers in adult gliomas. <i>Current Opinion in Oncology</i> , 2013, 25, 689-694.	1.1	34
31	Genetics in glioma. <i>Current Opinion in Neurology</i> , 2013, 26, 688-692.	1.8	21
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33	Neuroblastoma and MYCN. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a014415-a014415.	2.9	480
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35	Highly prevalent TERT promoter mutations in aggressive thyroid cancers. <i>Endocrine-Related Cancer</i> , 2013, 20, 603-610.	1.6	500
36	In search of molecular markers of glioma in elderly patients. <i>Nature Reviews Neurology</i> , 2013, 9, 424-425.	4.9	9

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38	Eribulin Mesylate Targets Human Telomerase Reverse Transcriptase in Ovarian Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e112438.	1.1	28
39	An Improved Model for the hTERT Promoter Quadruplex. <i>PLoS ONE</i> , 2014, 9, e115580.	1.1	55
40	Isocitrate Dehydrogenase-1 Mutations as Prognostic Biomarker in Glioblastoma Multiforme Patients in West Bohemia. <i>BioMed Research International</i> , 2014, 2014, 1-5.	0.9	26
41	Telomere Maintenance Mechanisms in Cancer: Clinical Implications. <i>Current Pharmaceutical Design</i> , 2014, 20, 6361-6374.	0.9	74
42	Prognostic and Predictive Biomarkers in Adult and Pediatric Gliomas: Toward Personalized Treatment. <i>Frontiers in Oncology</i> , 2014, 4, 47.	1.3	36
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50	Frequency of TERT promoter mutations in primary tumors of the liver. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 465, 673-677.	1.4	52
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53	Mathematical Model of a Telomerase Transcriptional Regulatory Network Developed by Cell-Based Screening: Analysis of Inhibitor Effects and Telomerase Expression Mechanisms. <i>PLoS Computational Biology</i> , 2014, 10, e1003448.	1.5	13
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56	Molecular and cellular heterogeneity: the hallmark of glioblastoma. <i>Neurosurgical Focus</i> , 2014, 37, E11.	1.0	147
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62	Recurrent TERT promoter mutations in non-small cell lung cancers. <i>Lung Cancer</i> , 2014, 86, 369-373.	0.9	27
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85	Overexpression and promoter mutation of the TERT gene in malignant pleural mesothelioma. <i>Oncogene</i> , 2014, 33, 3748-3752.	2.6	68
86	Telomerase Reverse Transcriptase Promoter Mutations in Bladder Cancer: High Frequency Across Stages, Detection in Urine, and Lack of Association with Outcome. <i>European Urology</i> , 2014, 65, 360-366.	0.9	215
87	Clinical value of chromosome arms 19q and 11p losses in low-grade gliomas. <i>Neuro-Oncology</i> , 2014, 16, 400-408.	0.6	13
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117	Unique genetic and epigenetic mechanisms driving paediatric diffuse high-grade glioma. <i>Nature Reviews Cancer</i> , 2014, 14, 651-661.	12.8	241
118	Concurrent Alterations in <i>TERT</i> , <i>KDM6A</i> , and the BRCA Pathway in Bladder Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 4935-4948.	3.2	101
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128	TERT promoter mutations and BRAF mutations are rare in sporadic, and TERT promoter mutations are absent in NF1-related malignant peripheral nerve sheath tumors. <i>Journal of Neuro-Oncology</i> , 2014, 120, 267-272.	1.4	17
129	The genomic landscape of diffuse intrinsic pontine glioma and pediatric non-brainstem high-grade glioma. <i>Nature Genetics</i> , 2014, 46, 444-450.	9.4	871
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149	Genomic dynamics associated with malignant transformation in IDH1 mutated gliomas. <i>Oncotarget</i> , 2015, 6, 43653-43666.	0.8	14
150	Frequent <i>TERT</i> Promoter Mutations in Ocular Surface Squamous Neoplasia. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 5854.		23
151	TERT Promoter Mutations and Tert Expression in Early-Stage (T1N0M0) Non-Small Cell Lung Cancer (NSCLC). <i>PLoS ONE</i> , 2015, 10, .		1
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