

Unconstrained genome targeting with near-PAMless en

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Sensing through Non-Sensing Ocular Ion Channels. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6925.	1.8	11
2	Base editing: advances and therapeutic opportunities. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 839-859.	21.5	218
3	CRISPR base editing and prime editing: DSB and template-free editing systems for bacteria and plants. <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 277-292.	1.8	33
4	Visualizing, quantifying, and manipulating mitochondrial DNA in vivo. <i>Journal of Biological Chemistry</i> , 2020, 295, 17588-17601.	1.6	14
5	Genome editing systems across yeast species. <i>Current Opinion in Biotechnology</i> , 2020, 66, 255-266.	3.3	15
6	Single C-to-T substitution using engineered APOBEC3G-nCas9 base editors with minimum genome- and transcriptome-wide off-target effects. <i>Science Advances</i> , 2020, 6, eaba1773.	4.7	55
7	Prediction-based highly sensitive CRISPR off-target validation using target-specific DNA enrichment. <i>Nature Communications</i> , 2020, 11, 3596.	5.8	41
8	The dawn of non-human primate models for neurodevelopmental disorders. <i>Current Opinion in Genetics and Development</i> , 2020, 65, 160-168.	1.5	18
9	Cytosine Base Editor (hA3A-BE3-NG)-Mediated Multiple Gene Editing for Pyramid Breeding in Pigs. <i>Frontiers in Genetics</i> , 2020, 11, 592623.	1.1	12
10	Genome Editing for CNS Disorders. <i>Frontiers in Neuroscience</i> , 2020, 14, 579062.	1.4	18
11	Genome Editing as A Versatile Tool to Improve Horticultural Crop Qualities. <i>Horticultural Plant Journal</i> , 2020, 6, 372-384.	2.3	18
12	Base Editing in Human Cells to Produce Single-Nucleotide Variant Clonal Cell Lines. <i>Current Protocols in Molecular Biology</i> , 2020, 133, e129.	2.9	4
13	Î²-Hemoglobinopathies: The Test Bench for Genome Editing-Based Therapeutic Strategies. <i>Frontiers in Genome Editing</i> , 2020, 2, 571239.	2.7	6
14	CRISPR Gene Therapy: Applications, Limitations, and Implications for the Future. <i>Frontiers in Oncology</i> , 2020, 10, 1387.	1.3	247
15	Current Status and Challenges of DNA Base Editing Tools. <i>Molecular Therapy</i> , 2020, 28, 1938-1952.	3.7	72
16	Precision Breeding Made Real with CRISPR: Illustration through Genetic Resistance to Pathogens. <i>Plant Communications</i> , 2020, 1, 100102.	3.6	32
17	CRISPR-Cas9 System for Plant Genome Editing: Current Approaches and Emerging Developments. <i>Agronomy</i> , 2020, 10, 1033.	1.3	47
18	Applications of CRISPR in a Microbial Cell Factory: From Genome Reconstruction to Metabolic Network Reprogramming. <i>ACS Synthetic Biology</i> , 2020, 9, 2228-2238.	1.9	14

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20	CRISPR-Cas12a (Cpf1): A Versatile Tool in the Plant Genome Editing Tool Box for Agricultural Advancement. <i>Frontiers in Plant Science</i> , 2020, 11, 584151.	1.7	66
21	CRISPR-Cas9 DNA Base-Editing and Prime-Editing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6240.	1.8	179
22	Fetal hemoglobin in sickle cell anemia. <i>Blood</i> , 2020, 136, 2392-2400.	0.6	43
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24	Catalytic-state structure and engineering of <i>Streptococcus thermophilus</i> Cas9. <i>Nature Catalysis</i> , 2020, 3, 813-823.	16.1	23
25	Gene-Editing Technologies Paired With Viral Vectors for Translational Research Into Neurodegenerative Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 148.	1.4	20
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27	In vivo CRISPR screening for phenotypic targets of the <i>mir-35-42</i> family in <i>C. elegans</i> . <i>Genes and Development</i> , 2020, 34, 1227-1238.	2.7	20
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42	Latest Developed Strategies to Minimize the Off-Target Effects in CRISPR-Cas-Mediated Genome Editing. <i>Cells</i> , 2020, 9, 1608.	1.8	257
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