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Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment

DOI: 10.1186/2047-217x-3-27  
GigaScience, 2014, 3, 27.

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**Version:** 2024-04-28

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#	Paper	IF	Citations
62	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , <b>2014</b> , 346, 1320-31	33.3	1182
61	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , <b>2014</b> , 346, 1311-20	33.3	628
60	Comparative genomic data of the Avian Phylogenomics Project. <i>GigaScience</i> , <b>2014</b> , 3, 26	7.6	91
59	Proliferation of East Antarctic Adelie penguins in response to historical deglaciation. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 236	3	23
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57	Predicting responses of the Adelie penguin population of Edmonson Point to future sea ice changes in the Ross Sea. <i>Frontiers in Ecology and Evolution</i> , <b>2015</b> , 3,	3.7	14
56	Avian genomics: fledging into the wild!. <i>Journal of Ornithology</i> , <b>2015</b> , 156, 851-865	1.5	41
55	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , <b>2015</b> , 145, 78-179	1.9	57
54	A quantum leap in avian biology. <i>Emu</i> , <b>2015</b> , 115, 1-5	1.1	7
53	MOXD2, a Gene Possibly Associated with Olfaction, Is Frequently Inactivated in Birds. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152431	3.7	1
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47	Full circumpolar migration ensures evolutionary unity in the Emperor penguin. <i>Nature Communications</i> , <b>2016</b> , 7, 11842	17.4	30
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41	Marked phylogeographic structure of Gentoo penguin reveals an ongoing diversification process along the Southern Ocean. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 107, 486-498	4.1	27
40	Comparative genome-wide polymorphic microsatellite markers in Antarctic penguins through next generation sequencing. <i>Genetics and Molecular Biology</i> , <b>2017</b> , 40, 676-687	2	8
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38	Independent pseudogenization of CYP2J19 in penguins, owls and kiwis implicates gene in red carotenoid synthesis. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 118, 47-53	4.1	15
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13	Marine Genomics: Recent Advancement and Wide-Area Applications. <b>2016</b> , 97-108		
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