

Whole genome analysis of a schistosomiasis-transmitting

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molluscan Genomics: Implications for Biology and Aquaculture. <i>Current Molecular Biology Reports</i> , 2017, 3, 297-305.	0.8	30
2	Molecular context of <i>Schistosoma mansoni</i> transmission in the molluscan environments: A mini-review. <i>Acta Tropica</i> , 2017, 176, 98-104.	0.9	9
3	Schistosomiasis from a Snail's Perspective: Advances in Snail Immunity. <i>Trends in Parasitology</i> , 2017, 33, 845-857.	1.5	73
4	Transcriptome sequencing and differential gene expression analysis of the schistosome-transmitting snail <i>Oncomelania hupensis</i> inhabiting hilly and marshland regions. <i>Scientific Reports</i> , 2017, 7, 15809.	1.6	7
5	The protein pheromone temptin is an attractant of the gastropod <i>Biomphalaria glabrata</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 855-866.	0.7	21
6	Changes in the neuropeptide content of <i>Biomphalaria glabrata</i> nervous system following <i>Schistosoma</i> infection. <i>Parasites and Vectors</i> , 2017, 10, 275.	1.0	25
7	Specific Pathogen Recognition by Multiple Innate Immune Sensors in an Invertebrate. <i>Frontiers in Immunology</i> , 2017, 8, 1249.	2.2	58
8	A Targeted Capture Linkage Map Anchors the Genome of the Schistosomiasis Vector Snail, <i>Biomphalaria glabrata</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2353-2361.	0.8	18
9	Differential expression of small RNA pathway genes associated with the <i>Biomphalaria glabrata</i> / <i>Schistosoma mansoni</i> interaction. <i>PLoS ONE</i> , 2017, 12, e0181483.	1.1	13
10	Proteomic analysis of <i>Biomphalaria glabrata</i> plasma proteins with binding affinity to those expressed by early developing larval <i>Schistosoma mansoni</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006081.	2.1	46
11	Central nervous system transcriptome of <i>Biomphalaria alexandrina</i> , an intermediate host for schistosomiasis. <i>BMC Research Notes</i> , 2017, 10, 729.	0.6	11
12	Challenging the Metallothionein (MT) Gene of <i>Biomphalaria glabrata</i> : Unexpected Response Patterns Due to Cadmium Exposure and Temperature Stress. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1747.	1.8	21
13	Immune repertoire in the transcriptome of <i>Littorina littorea</i> reveals new trends in lophotrochozoan proto-complement evolution. <i>Developmental and Comparative Immunology</i> , 2018, 84, 250-263.	1.0	28
14	Innate immune memory: An evolutionary perspective. <i>Immunological Reviews</i> , 2018, 283, 21-40.	2.8	165
15	Functional impact of microRNA regulation in models of extreme stress adaptation. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 93-101.	1.5	58
16	Genetic and molecular basis of the immune system in the brachiopod <i>Lingula anatina</i> . <i>Developmental and Comparative Immunology</i> , 2018, 82, 7-30.	1.0	31
17	Evolutionary Origins of Toll-like Receptor Signaling. <i>Molecular Biology and Evolution</i> , 2018, 35, 1576-1587.	3.5	140
18	Identification of Toll-like receptor family members in <i>Oncomelania hupensis</i> and their role in defense against <i>Schistosoma japonicum</i> . <i>Acta Tropica</i> , 2018, 181, 69-78.	0.9	10

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19	To Reduce the Global Burden of Human Schistosomiasis, Use “Old Fashioned” Snail Control. Trends in Parasitology, 2018, 34, 23-40.	1.5	79
20	Sequence and structural variation in the genome of the <i>Biomphalaria glabrata</i> embryonic (Bge) cell line. Parasites and Vectors, 2018, 11, 496.	1.0	9
21	Comparative genomics of bdelloid rotifers: Insights from desiccating and nondesiccating species. PLoS Biology, 2018, 16, e2004830.	2.6	78
22	Detection of <i>Galba truncatula</i> , <i>Fasciola hepatica</i> and <i>Calicophoron daubneyi</i> environmental DNA within water sources on pasture land, a future tool for fluke control?. Parasites and Vectors, 2018, 11, 342.	1.0	34
23	Molluscan Immunobiology: Challenges in the Anthropocene Epoch. , 2018, , 343-407.		3
24	Toll-Like Receptors, Associated Biological Roles, and Signaling Networks in Non-Mammals. Frontiers in Immunology, 2018, 9, 1523.	2.2	214
25	BgTEP: An Antiprotease Involved in Innate Immune Sensing in <i>Biomphalaria glabrata</i> . Frontiers in Immunology, 2018, 9, 1206.	2.2	29
26	Characterization of a Toll-like receptor (TLR) signaling pathway in <i>Biomphalaria glabrata</i> and its potential regulation by NF-kappaB. Developmental and Comparative Immunology, 2018, 86, 118-129.	1.0	12
27	Complete mitochondrial and rDNA complex sequences of important vector species of <i>Biomphalaria</i> , obligatory hosts of the human-infecting blood fluke, <i>Schistosoma mansoni</i> . Scientific Reports, 2018, 8, 7341.	1.6	22
28	Genetic Crosses and Linkage Mapping in Schistosome Parasites. Trends in Parasitology, 2018, 34, 982-996.	1.5	29
29	The snail <i>Biomphalaria glabrata</i> as a model to interrogate the molecular basis of complex human diseases. PLoS Neglected Tropical Diseases, 2018, 12, e0006552.	1.3	9
30	Treading the Path towards Genetic Control of Snail Resistance to Schistosome Infection. Tropical Medicine and Infectious Disease, 2018, 3, 86.	0.9	21
31	Transcriptomic analysis of embryo development in the invasive snail <i>Pomacea canaliculata</i> . Journal of Molluscan Studies, 2018, 84, 233-239.	0.4	3
32	Comparative immunological study of the snail <i>Physella acuta</i> (Hydrophila, Pulmonata) reveals shared and unique aspects of gastropod immunobiology. Molecular Immunology, 2018, 101, 108-119.	1.0	17
33	Tissue distribution and functional characterization of mytimacin-4 in <i>Mytilus galloprovincialis</i> . Journal of Invertebrate Pathology, 2019, 166, 107215.	1.5	2
34	Probiotic properties and immunomodulatory activity of gastrointestinal tract commensal bacterial strains isolated from the edible farmed snail <i>Cornu aspersum maxima</i> . Fish and Shellfish Immunology, 2019, 92, 792-801.	1.6	13
35	A chromosomal-level genome assembly for the giant African snail <i>Achatina fulica</i> . GigaScience, 2019, 8, .	3.3	42
36	Multi-omics investigations within the Phylum Mollusca, Class Gastropoda: from ecological application to breakthrough phylogenomic studies. Briefings in Functional Genomics, 2019, 18, 377-394.	1.3	5

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37	A draft genome assembly of the solar-powered sea slug <i>Elysia chlorotica</i> . <i>Scientific Data</i> , 2019, 6, 190022.	2.4	48
38	Proteomic, metabolic and immunological changes in <i>Biomphalaria glabrata</i> infected with <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2019, 49, 1049-1060.	1.3	6
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40	The in vivo transcriptome of <i>Schistosoma mansoni</i> in the prominent vector species <i>Biomphalaria pfeifferi</i> with supporting observations from <i>Biomphalaria glabrata</i> . <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007013.	1.3	12
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42	Derivatives of the lectin complement pathway in Lophotrochozoa. <i>Developmental and Comparative Immunology</i> , 2019, 94, 35-58.	1.0	36
43	Genome-wide identification, characterisation and expression profiling of the ubiquitin-proteasome genes in <i>Biomphalaria glabrata</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e190052.	0.8	3
44	Temporal expression profile of an accessory-gland protein that is transferred via the seminal fluid of the simultaneous hermaphrodite <i>Lymnaea stagnalis</i> . <i>Journal of Molluscan Studies</i> , 2019, 85, 177-183.	0.4	9
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46	Regulation of fiber-specific actin expression by the <i>Drosophila</i> SRF ortholog Blistered. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	4
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48	A Recurrent Motif: Diversity and Evolution of ShKT Domain Containing Proteins in the Vampire Snail <i>Cumia reticulata</i> . <i>Toxins</i> , 2019, 11, 106.	1.5	10
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50	Gene drives for schistosomiasis transmission control. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007833.	1.3	23
51	Life cycle maintenance and drug-sensitivity assays for early drug discovery in <i>Schistosoma mansoni</i> . <i>Nature Protocols</i> , 2019, 14, 461-481.	5.5	78
52	Molecular characterisation of immunological memory following homologous or heterologous challenges in the schistosomiasis vector snail, <i>Biomphalaria glabrata</i> . <i>Developmental and Comparative Immunology</i> , 2019, 92, 238-252.	1.0	22
53	GABA as a Neurotransmitter in Gastropod Molluscs. <i>Biological Bulletin</i> , 2019, 236, 144-156.	0.7	27
54	Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1. <i>Gene</i> , 2019, 683, 1-11.	1.0	3

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55	Snail defence responses to parasite infection: The <i>Lymnaea stagnalis</i> - <i>Trichobilharzia szidati</i> model. <i>Developmental and Comparative Immunology</i> , 2020, 102, 103464.	1.0	12
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57	Monitoring temporal variations in groundwater levels in urban areas using ground penetrating radar. <i>Science of the Total Environment</i> , 2020, 703, 134986.	3.9	19
58	<i>Biomphalaria glabrata</i> Granulin Increases Resistance to <i>Schistosoma mansoni</i> Infection in Several <i>Biomphalaria</i> Species and Induces the Production of Reactive Oxygen Species by Haemocytes. <i>Genes</i> , 2020, 11, 38.	1.0	8
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61	Molluscicidal and parasiticidal activities of <i>Eryngium triquetrum</i> essential oil on <i>Schistosoma mansoni</i> and its intermediate snail host <i>Biomphalaria glabrata</i> , a double impact. <i>Parasites and Vectors</i> , 2020, 13, 486.	1.0	14
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63	Toll-like signaling pathway in the transcriptome of <i>Littorina littorea</i> . <i>Fish and Shellfish Immunology</i> , 2020, 106, 640-644.	1.6	5
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70	Biochemical and apoptotic changes in the nervous and ovotestis tissues of <i>Biomphalaria alexandrina</i> following infection with <i>Schistosoma mansoni</i> . <i>Experimental Parasitology</i> , 2020, 213, 107887.	0.5	10
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80	Giant African snail genomes provide insights into molluscan whole-genome duplication and aquatic-terrestrial transition. <i>Molecular Ecology Resources</i> , 2021, 21, 478-494.	2.2	33
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93	New Insights Into Biomphalysin Gene Family Diversification in the Vector Snail <i>Biomphalaria glabrata</i> . <i>Frontiers in Immunology</i> , 2021, 12, 635131.	2.2	12

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95	Mobilizing molluscan models and genomes in biology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200163.	1.8	24
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101	Genomic insights into the adaptation and evolution of the nautilus, an ancient but evolving â€œliving fossilâ€. <i>Molecular Ecology Resources</i> , 2022, 22, 15-27.	2.2	15
102	Development and Interrogation of a Transcriptomic Resource for the Giant Triton Snail (<i>Charonia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	6
103	Evolutionary History of DNA Methylation Related Genes in Bivalvia: New Insights From <i>Mytilus galloprovincialis</i> . <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
104	Neuronal Transcriptome Analysis of a Widely Recognised Molluscan Model Organism Highlights the Absence of Key Proteins Involved in the De Novo Synthesis and Receptor-Mediation of Sex Steroids in Vertebrates. <i>Malacologia</i> , 2021, 64, .	0.2	2
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110	Evolution of immune defence responses as incremental layers among Metazoa. , 2021, 88, 44-57.		5
111	The Iron-Responsive Genome of the Chiton <i>Acanthopleura granulata</i>. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	42

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119	Deep sequencing of small RNAs reveals the repertoire of miRNAs and piRNAs in <i>Biomphalaria glabrata</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e190498.	0.8	5
120	RNA-Seq: the Early Response of the Snail <i>Physella acuta</i> to the Digenetic Trematode <i>Echinostoma paraensei</i> . <i>Journal of Parasitology</i> , 2020, 106, 490.	0.3	7
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145	An Overview of Transcriptional Responses of Schistosome-Susceptible (M line) or -Resistant (BS-90) <i>Biomphalaria glabrata</i> Exposed or Not to <i>Schistosoma mansoni</i> Infection. <i>Frontiers in Immunology</i> , 2021, 12, 805882.	2.2	10
146	Immunological Diversity Is a Cornerstone of Organismal Defense and Allorecognition across Metazoa. <i>Journal of Immunology</i> , 2022, 208, 203-211.	0.4	6
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