

Genome sequence of the Asian Tiger mosquito, *Aedes albopictus*, and its application into its biology, genetics, and evolution

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Transposons, Genome Size, and Evolutionary Insights in Animals. <i>Cytogenetic and Genome Research</i> , 2015, 147, 217-239.	1.1	119
2	Wnt7b gene expression and functional analysis in the mussel <i>Mytilus coruscus</i> . <i>Genetics and Molecular Research</i> , 2016, 15, .	0.2	1
3	The Worldwide Spread of the Tiger Mosquito as Revealed by Mitogenome Haplogroup Diversity. <i>Frontiers in Genetics</i> , 2016, 7, 208.	2.3	54
4	PIWIs Go Viral: Arbovirus-Derived piRNAs in Vector Mosquitoes. <i>PLoS Pathogens</i> , 2016, 12, e1006017.	4.7	151
5	Genome-wide identification and characterization of odorant-binding protein (OBP) genes in the malaria vector <i>Anopheles sinensis</i> (Diptera: Culicidae). <i>Insect Science</i> , 2016, 23, 366-376.	3.0	30
6	The Cytochrome P450 gene CYP6P12 confers pyrethroid resistance in kdr-free Malaysian populations of the dengue vector <i>Aedes albopictus</i> . <i>Scientific Reports</i> , 2016, 6, 24707.	3.3	60
7	Pyrethroid resistance in <i>Aedes aegypti</i> and <i>Aedes albopictus</i> : Important mosquito vectors of human diseases. <i>Pesticide Biochemistry and Physiology</i> , 2016, 133, 1-12.	3.6	265
8	Identification of AaDnr1 , a novel gene related to innate immunity and apoptosis in <i>Aedes albopictus</i> . <i>Gene</i> , 2016, 587, 18-26.	2.2	4
9	DNA forms of arboviral RNA genomes are generated following infection in mosquito cell cultures. <i>Virology</i> , 2016, 498, 164-171.	2.4	41
10	Molecular Physiology of Mosquito Diapause. <i>Advances in Insect Physiology</i> , 2016, , 329-361.	2.7	20
11	Developmental piRNA profiles of the invasive vector mosquito <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2016, 9, 524.	2.5	38
12	Functions of Small RNAs in Mosquitoes. <i>Advances in Insect Physiology</i> , 2016, 51, 189-222.	2.7	18
13	Identification of AaCASPS7, an effector caspase in <i>Aedes albopictus</i> . <i>Gene</i> , 2016, 593, 117-125.	2.2	4
14	A mosquito sperm's journey from male ejaculate to egg: Mechanisms, molecules, and methods for exploration. <i>Molecular Reproduction and Development</i> , 2016, 83, 897-911.	2.0	52
15	Sex Determination in Mosquitoes. <i>Advances in Insect Physiology</i> , 2016, , 37-66.	2.7	18
16	Comparative performance of transcriptome assembly methods for non-model organisms. <i>BMC Genomics</i> , 2016, 17, 523.	2.8	47
17	Functional analysis of Orco and odorant receptors in odor recognition in <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2016, 9, 363.	2.5	33
18	Population genetics of the Asian tiger mosquito <i>Aedes albopictus</i> , an invasive vector of human diseases. <i>Heredity</i> , 2016, 117, 125-134.	2.6	94

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19	Disease vectors in the era of next generation sequencing. <i>Genome Biology</i> , 2016, 17, 95.	8.8	25
20	Photoperiodic Diapause and the Establishment of <i>Aedes albopictus</i> (Diptera: Culicidae) in North America. <i>Journal of Medical Entomology</i> , 2016, 53, 1013-1023.	1.8	94
21	Control of Mosquito-Borne Infectious Diseases: Sex and Gene Drive. <i>Trends in Parasitology</i> , 2016, 32, 219-229.	3.3	106
22	Rapid Spread of Zika Virus in The Americas - Implications for Public Health Preparedness for Mass Gatherings at the 2016 Brazil Olympic Games. <i>International Journal of Infectious Diseases</i> , 2016, 44, 11-15.	3.3	306
23	Discovery of flavivirus-derived endogenous viral elements in <i>Anopheles</i> mosquito genomes supports the existence of <i>Anopheles</i> -associated insect-specific flaviviruses. <i>Virus Evolution</i> , 2017, 3, vew035.	4.9	43
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26	Quantitative Proteomic Analysis of Mosquito C6/36 Cells Reveals Host Proteins Involved in Zika Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	47
27	<i>Aedes aegypti</i> Piwi4 Is a Noncanonical PIWI Protein Involved in Antiviral Responses. <i>MSphere</i> , 2017, 2, .	2.9	92
28	Proteomic analysis of a mosquito host cell response to persistent <i>Wolbachia</i> infection. <i>Research in Microbiology</i> , 2017, 168, 609-625.	2.1	15
29	High-throughput sequencing of transposable element insertions suggests adaptive evolution of the invasive Asian tiger mosquito towards temperate environments. <i>Molecular Ecology</i> , 2017, 26, 3968-3981.	3.9	34
30	Nonretroviral integrated RNA viruses in arthropod vectors: an occasional event or something more?. <i>Current Opinion in Insect Science</i> , 2017, 22, 45-53.	4.4	45
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33	Uncovering the Repertoire of Endogenous Flaviviral Elements in <i>Aedes</i> Mosquito Genomes. <i>Journal of Virology</i> , 2017, 91, .	3.4	81
34	Wide-scale analysis of protein expression in head and thorax of <i>Aedes albopictus</i> females. <i>Journal of Insect Physiology</i> , 2017, 99, 33-38.	2.0	0
35	The Climate Range Expansion of <i>Aedes albopictus</i> (Diptera: Culicidae) in Asia Inferred From the Distribution of <i>Albopictus</i> Subgroup Species of <i>Aedes</i> (<i>Stegomyia</i>). <i>Journal of Medical Entomology</i> , 2017, 54, 1615-1625.	1.8	16
36	Population genomics of the Asian tiger mosquito, <i>Aedes albopictus</i> : insights into the recent worldwide invasion. <i>Ecology and Evolution</i> , 2017, 7, 10143-10157.	1.9	89

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38	Complete mitochondrial genomes of <i>Anopheles stephensi</i> and <i>An. dirus</i> and comparative evolutionary mitochondriomics of 50 mosquitoes. <i>Scientific Reports</i> , 2017, 7, 7666.	3.3	47
39	Damage-Induced Cell Regeneration in the Midgut of <i>Aedes albopictus</i> Mosquitoes. <i>Scientific Reports</i> , 2017, 7, 44594.	3.3	33
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45	Histone-derived piRNA biogenesis depends on the ping-pong partners Piwi5 and Ago3 in <i>Aedes aegypti</i> . <i>Nucleic Acids Research</i> , 2017, 45, gkw1368.	14.5	29
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49	From ground pools to treeholes: convergent evolution of habitat and phenotype in <i>Aedes</i> mosquitoes. <i>BMC Evolutionary Biology</i> , 2017, 17, 262.	3.2	39
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57	The immune strategies of mosquito <i>Aedes aegypti</i> against microbial infection. <i>Developmental and Comparative Immunology</i> , 2018, 83, 12-21.	2.3	44
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