

Commensal Viruses of Mosquitoes: Host Restriction, Truncated Arboviral Pathogens

Evolutionary Bioinformatics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Infectious DNAs derived from insect-specific flavivirus genomes enable identification of pre- and post-entry host restrictions in vertebrate cells. <i>Scientific Reports</i> , 2017, 7, 2940.	1.6	40
2	A New Clade of Insect-Specific Flaviviruses from Australian <i>Anopheles</i> Mosquitoes Displays Species-Specific Host Restriction. <i>MSphere</i> , 2017, 2, .	1.3	64
3	High-Resolution Metatranscriptomics Reveals the Ecological Dynamics of Mosquito-Associated RNA Viruses in Western Australia. <i>Journal of Virology</i> , 2017, 91, .	1.5	149
4	Discovery and Characterisation of Castlerea Virus, a New Species of <i>Negevirus</i> Isolated in Australia. <i>Evolutionary Bioinformatics</i> , 2017, 13, 117693431769126.	0.6	28
5	Dual Insect specific virus infection limits Arbovirus replication in <i>Aedes</i> mosquito cells. <i>Virology</i> , 2018, 518, 406-413.	1.1	87
6	Mapping the virome in wild-caught <i>Aedes aegypti</i> from Cairns and Bangkok. <i>Scientific Reports</i> , 2018, 8, 4690.	1.6	84
7	Meta-transcriptomics and the evolutionary biology of RNA viruses. <i>Virus Research</i> , 2018, 243, 83-90.	1.1	120
8	Metagenomics reshapes the concepts of RNA virus evolution by revealing extensive horizontal virus transfer. <i>Virus Research</i> , 2018, 244, 36-52.	1.1	190
9	Antiviral RNA Interference Activity in Cells of the Predatory Mosquito, <i>Toxorhynchites amboinensis</i> . <i>Viruses</i> , 2018, 10, 694.	1.5	7
10	The recently identified flavivirus Bamaga virus is transmitted horizontally by <i>Culex</i> mosquitoes and interferes with West Nile virus replication in vitro and transmission in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006886.	1.3	16
11	Firefly genomes illuminate parallel origins of bioluminescence in beetles. <i>ELife</i> , 2018, 7, .	2.8	108
12	<i>Aedes Anphevirus</i> : an Insect-Specific Virus Distributed Worldwide in <i>Aedes aegypti</i> Mosquitoes That Has Complex Interplays with <i>Wolbachia</i> and Dengue Virus Infection in Cells. <i>Journal of Virology</i> , 2018, 92, .	1.5	54
13	A Systematic Review of the Natural Virome of <i>Anopheles</i> Mosquitoes. <i>Viruses</i> , 2018, 10, 222.	1.5	42
14	Discovery of <i>Culex pipiens</i> associated tunisia virus: a new ssRNA(+) virus representing a new insect associated virus family. <i>Virus Evolution</i> , 2018, 4, vex040.	2.2	17
15	Characterization of a Novel Tanay Virus Isolated From <i>Anopheles sinensis</i> Mosquitoes in Yunnan, China. <i>Frontiers in Microbiology</i> , 2019, 10, 1963.	1.5	12
16	<i>Aedes</i> spp. and Their Microbiota: A Review. <i>Frontiers in Microbiology</i> , 2019, 10, 2036.	1.5	90
17	De novo profiling of RNA viruses in <i>Anopheles malaria</i> vector mosquitoes from forest ecological zones in Senegal and Cambodia. <i>BMC Genomics</i> , 2019, 20, 664.	1.2	22
18	High Prevalence of a Newly Discovered Wutai Mosquito Phasivirus in Mosquitoes from Rio de Janeiro, Brazil. <i>Insects</i> , 2019, 10, 135.	1.0	4

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19	Aedes aegypti vector competence studies: A review. Infection, Genetics and Evolution, 2019, 67, 191-209.	1.0	251
20	Differential suppression of persistent insect specific viruses in trans-infected wMel and wMelPop-CLA Aedes-derived mosquito lines. Virology, 2019, 527, 141-145.	1.1	16
21	A viral metagenomic analysis reveals rich viral abundance and diversity in mosquitoes from pig farms. Transboundary and Emerging Diseases, 2020, 67, 328-343.	1.3	17
22	Characterization of viromes within mosquito species in China. Science China Life Sciences, 2020, 63, 1089-1092.	2.3	13
23	Viral Metagenomic Analysis of Aedes albopictus Mosquitos from Southern Switzerland. Viruses, 2020, 12, 929.	1.5	32
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27	Genetic, Morphological and Antigenic Relationships between Mesonivirus Isolates from Australian Mosquitoes and Evidence for Their Horizontal Transmission. Viruses, 2020, 12, 1159.	1.5	10
28	Antigenic Characterization of New Lineage II Insect-Specific Flaviviruses in Australian Mosquitoes and Identification of Host Restriction Factors. MSphere, 2020, 5, .	1.3	31
29	Deciphering the Virome of Culex vishnui Subgroup Mosquitoes, the Major Vectors of Japanese Encephalitis, in Japan. Viruses, 2020, 12, 264.	1.5	52
30	RNA Viruses of Amblyomma variegatum and Rhipicephalus microplus and Cattle Susceptibility in the French Antilles. Viruses, 2020, 12, 144.	1.5	19
31	Mosquito-Independent Transmission of West Nile virus in Farmed Saltwater Crocodiles (Crocodylus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	15
32	The Insect-Specific Parramatta River Virus Is Vertically Transmitted by <i>Aedes vigilax</i> Mosquitoes and Suppresses Replication of Pathogenic Flaviviruses <i>In Vitro</i>. Vector-Borne and Zoonotic Diseases, 2021, 21, 208-215.	0.6	12
33	Mesoniviruses (Mesoniviridae). , 2021, , 804-807.		0
34	Population genomics in the arboviral vector <i>Aedes aegypti</i> reveals the genomic architecture and evolution of endogenous viral elements. Molecular Ecology, 2021, 30, 1594-1611.	2.0	37
35	A Metagenomic Analysis of Mosquito Virome Collected From Different Animal Farms at Yunnanâ€™Myanmar Border of China. Frontiers in Microbiology, 2020, 11, 591478.	1.5	27
37	Insect-Specific Flavivirus Replication in Mammalian Cells Is Inhibited by Physiological Temperature and the Zinc-Finger Antiviral Protein. Viruses, 2021, 13, 573.	1.5	15

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38	Virome Diversity among Mosquito Populations in a Sub-Urban Region of Marseille, France. <i>Viruses</i> , 2021, 13, 768.	1.5	19
40	Improved detection of flaviviruses in Australian mosquito populations via replicative intermediates. <i>Journal of General Virology</i> , 2021, 102, .	1.3	3
42	Symbiotic Interactions Between Mosquitoes and Mosquito Viruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 694020.	1.8	23
43	Uncovering the genetic diversity within the <i>Aedes notoscriptus</i> virome and isolation of new viruses from this highly urbanised and invasive mosquito. <i>Virus Evolution</i> , 2021, 7, veab082.	2.2	13
44	Effect of Wolbachia wAlbB on a positive-sense RNA negev-like virus: a novel virus persistently infecting <i>Aedes albopictus</i> mosquitoes and cells. <i>Journal of General Virology</i> , 2020, 101, 216-225.	1.3	16
45	Novel monoclonal antibodies against Australian strains of negevviruses and insights into virus structure, replication and host -restriction. <i>Journal of General Virology</i> , 2020, 101, 440-452.	1.3	12
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49	Chimeric Vaccines Based on Novel Insect-Specific Flaviviruses. <i>Vaccines</i> , 2021, 9, 1230.	2.1	11
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51	Could Australian ticks harbour emerging viral pathogens?. <i>Microbiology Australia</i> , 2018, 39, 185.	0.1	0
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55	Negevviruses isolated from mosquitoes in the Brazilian Amazon. <i>Virology Journal</i> , 2022, 19, 17.	1.4	4
56	Structural analysis of 3'UTRs in insect flaviviruses reveals novel determinants of sfRNA biogenesis and provides new insights into flavivirus evolution. <i>Nature Communications</i> , 2022, 13, 1279.	5.8	13
59	Reporter Flaviviruses as Tools to Demonstrate Homologous and Heterologous Superinfection Exclusion. <i>Viruses</i> , 2022, 14, 1501.	1.5	7
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