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Dengue virus genomic variation associated with mosquito adaptation defines the pattern of viral non-coding RNAs and fitness in human cells

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#	Paper	IF	Citations
89	Antagonism of type I interferon by flaviviruses. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 492, 587-596	3.4	39
88	Arbovirus Adaptation: Roles in Transmission and Emergence. <i>Current Clinical Microbiology Reports</i> , 2017 , 4, 159-166	3.1	2
87	The 5' and 3' Untranslated Regions of the Flaviviral Genome. <i>Viruses</i> , 2017 , 9,	6.2	84
86	Dengue subgenomic flaviviral RNA disrupts immunity in mosquito salivary glands to increase virus transmission. <i>PLoS Pathogens</i> , 2017 , 13, e1006535	7.6	72
85	Biochemistry and Molecular Biology of Flaviviruses. <i>Chemical Reviews</i> , 2018 , 118, 4448-4482	68.1	126
84	Flaviviruses Produce a Subgenomic Flaviviral RNA That Enhances Mosquito Transmission. <i>DNA and Cell Biology</i> , 2018 , 37, 154-159	3.6	12
83	Mechanism and structural diversity of exoribonuclease-resistant RNA structures in flaviviral RNAs. <i>Nature Communications</i> , 2018 , 9, 119	17.4	59
82	How Do Virus-Mosquito Interactions Lead to Viral Emergence?. <i>Trends in Parasitology</i> , 2018 , 34, 310-321	6.4	47
81	Challenges in dengue research: A computational perspective. <i>Evolutionary Applications</i> , 2018 , 11, 516-533	3.8	15
80	Functional RNA during Zika virus infection. <i>Virus Research</i> , 2018 , 254, 41-53	6.4	53
79	Integrative Analysis of Zika Virus Genome RNA Structure Reveals Critical Determinants of Viral Infectivity. <i>Cell Host and Microbe</i> , 2018 , 24, 875-886.e5	23.4	52
78	Fragile X mental retardation protein is a Zika virus restriction factor that is antagonized by subgenomic flaviviral RNA. <i>ELife</i> , 2018 , 7,	8.9	25
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74	The conserved stem-loop II structure at the 3' untranslated region of Japanese encephalitis virus genome is required for the formation of subgenomic flaviviral RNA. <i>PLoS ONE</i> , 2018 , 13, e0201250	3.7	7
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72	Decreased accumulation of subgenomic RNA in human cells infected with vaccine candidate DEN4B0 increases viral susceptibility to type I interferon. <i>Vaccine</i> , 2018 , 36, 3460-3467	4.1	13
71	Genomic variations in the 3'-termini of Rice stripe virus in the rotation between vector insect and host plant. <i>New Phytologist</i> , 2018 , 219, 1085-1096	9.8	14
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