

Genomics and Evolution of Heritable Bacterial Symbiont

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular and biochemical characterization of three bacterial symbionts of fruit fly, <i>Bactrocera tau</i> (Tephritidae: Diptera). <i>Journal of General and Applied Microbiology</i> , 2009, 55, 479-487.	0.4	30
2	General Rules for Optimal Codon Choice. <i>PLoS Genetics</i> , 2009, 5, e1000556.	1.5	203
3	Almost There: Transmission Routes of Bacterial Symbionts between Trophic Levels. <i>PLoS ONE</i> , 2009, 4, e4767.	1.1	108
4	Variable Incidence of Spiroplasma Infections in Natural Populations of <i>Drosophila</i> Species. <i>PLoS ONE</i> , 2009, 4, e5703.	1.1	69
5	Remaining Flexible in Old Alliances: Functional Plasticity in Constrained Mutualisms. <i>DNA and Cell Biology</i> , 2009, 28, 371-382.	0.9	16
6	<i>Hamiltonella defensa</i> , genome evolution of protective bacterial endosymbiont from pathogenic ancestors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9063-9068.	3.3	214
7	Convergent evolution of metabolic roles in bacterial co-symbionts of insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15394-15399.	3.3	343
8	Gene Conversion Maintains Nonfunctional Transposable Elements in an Obligate Mutualistic Endosymbiont. <i>Molecular Biology and Evolution</i> , 2009, 26, 1679-1682.	3.5	19
9	Interactions between Coexisting Intracellular Genomes: Mitochondrial Density and <i>Wolbachia</i> Infection. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1916-1921.	1.4	7
10	Composition of Bacterial Communities Associated with Natural and Laboratory Populations of <i>Asobara tabida</i> Infected with <i>Wolbachia</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 3755-3764.	1.4	39
11	Promoter Characterization in the AT-Rich Genome of the Obligate Endosymbiont <i>Candidatus</i> <i>Blochmannia floridanus</i> . <i>Journal of Bacteriology</i> , 2009, 191, 3747-3751.	1.0	13
12	Effective population size and the rate and pattern of nucleotide substitutions. <i>Biology Letters</i> , 2009, 5, 417-420.	1.0	73
13	Identifying sexual differentiation genes that affect <i>Drosophila</i> life span. <i>BMC Geriatrics</i> , 2009, 9, 56.	1.1	26
14	Aphids acquired symbiotic genes via lateral gene transfer. <i>BMC Biology</i> , 2009, 7, 12.	1.7	151
15	Immunity and symbiosis. <i>Molecular Microbiology</i> , 2009, 73, 751-759.	1.2	80
16	What is microbial community ecology?. <i>ISME Journal</i> , 2009, 3, 1223-1230.	4.4	371
17	Pyrosequencing analysis of endosymbiont population structure: occurrence of divergent symbiont lineages in a single vesicomyid host clam. <i>Environmental Microbiology</i> , 2009, 11, 2136-2147.	1.8	26
18	Characterization and evolution of two bacteriome-inhabiting symbionts in cixiid planthoppers (Hemiptera: Fulgoromorpha: Pentastirini). <i>Environmental Microbiology</i> , 2009, 11, 3265-3279.	1.8	53

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19	Dynamics of genome evolution in facultative symbionts of aphids. <i>Environmental Microbiology</i> , 2010, 12, 2060-2069.	1.8	81
20	Evolution of reduced and compact chloroplast genomes (cpDNAs) in gnetophytes: Selection toward a lower-cost strategy. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 115-124.	1.2	151
21	Plants, Mycorrhizal Fungi, and Bacteria: A Network of Interactions. <i>Annual Review of Microbiology</i> , 2009, 63, 363-383.	2.9	699
22	The Dynamics and Time Scale of Ongoing Genomic Erosion in Symbiotic Bacteria. <i>Science</i> , 2009, 323, 379-382.	6.0	276
23	An unseen foe in arthropod conservation efforts: The case of <i>Wolbachia</i> infections in the Karner blue butterfly. <i>Biological Conservation</i> , 2009, 142, 3137-3146.	1.9	63
24	Symbiont-mediated protection in insect hosts. <i>Trends in Microbiology</i> , 2009, 17, 348-354.	3.5	296
25	Complete Genome Sequence of Citrus Huanglongbing Bacterium, <i>Candidatus Liberibacter asiaticus</i> ™ Obtained Through Metagenomics. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1011-1020.	1.4	485
26	Inferring clocks when lacking rocks: the variable rates of molecular evolution in bacteria. <i>Biology Direct</i> , 2009, 4, 35.	1.9	179
27	Genetic Recombination and Molecular Evolution. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2009, 74, 177-186.	2.0	94
28	Horizontal gene transfers and cell fusions in microbiology, immunology and oncology (Review). <i>International Journal of Oncology</i> , 2009, 35, 441-65.	1.4	5
29	Vector Transmission of a Plant-Pathogenic Bacterium in the <i>Arsenophonus</i> Clade Sharing Ecological Traits with Facultative Insect Endosymbionts. <i>Phytopathology</i> , 2009, 99, 1289-1296.	1.1	39
30	Functional Convergence in Reduced Genomes of Bacterial Symbionts Spanning 200 My of Evolution. <i>Genome Biology and Evolution</i> , 2010, 2, 708-718.	1.1	320
31	Symbioses and Stress. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , 19-36.	0.3	2
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33	Reticulate evolution in stick insects: the case of <i>Clonopsis</i> (Insecta Phasmida). <i>BMC Evolutionary Biology</i> , 2010, 10, 258.	3.2	16
34	Insect endosymbionts: manipulators of insect herbivore trophic interactions?. <i>Protoplasma</i> , 2010, 244, 25-51.	1.0	54
35	Four Central Points About Coevolution. <i>Evolution: Education and Outreach</i> , 2010, 3, 7-13.	0.3	24
36	Two chaperonin systems in bacterial genomes with distinct ecological roles. <i>Trends in Genetics</i> , 2010, 26, 47-51.	2.9	27

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37	Mimivirus: the emerging paradox of quasi-autonomous viruses. <i>Trends in Genetics</i> , 2010, 26, 431-437.	2.9	93
38	Unprecedented loss of ammonia assimilation capability in a urease-encoding bacterial mutualist. <i>BMC Genomics</i> , 2010, 11, 687.	1.2	39
39	Bacteriocyte dynamics during development of a holometabolous insect, the carpenter ant <i>Camponotus floridanus</i> . <i>BMC Microbiology</i> , 2010, 10, 308.	1.3	72
40	Research on small genomes: implications for synthetic biology. <i>BioEssays</i> , 2010, 32, 288-295.	1.2	9
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44	Molecular characterization and localization of the obligate endosymbiotic bacterium in the birch catkin bug <i>Kleidocerys resedae</i> (Heteroptera: Lygaeidae, Ischnorhynchinae). <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	1.3	32
45	Common trends in mutualism revealed by model associations between invertebrates and bacteria: Table 1. <i>FEMS Microbiology Reviews</i> , 2010, 34, 41-58.	3.9	97
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47	Population dynamics and rapid spread of <i>Cardinium</i> , a bacterial endosymbiont causing cytoplasmic incompatibility in <i>Encarsia pergandiella</i> (Hymenoptera: Aphelinidae). <i>Heredity</i> , 2010, 104, 239-246.	1.2	23
48	Diversification of the gut symbiont <i>Lactobacillus reuteri</i> as a result of host-driven evolution. <i>ISME Journal</i> , 2010, 4, 377-387.	4.4	254
49	The obligate endobacteria of arbuscular mycorrhizal fungi are ancient heritable components related to the Mollicutes. <i>ISME Journal</i> , 2010, 4, 862-871.	4.4	136
50	The immune system and the gut microbiota: friends or foes?. <i>Nature Reviews Immunology</i> , 2010, 10, 735-744.	10.6	582
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53	Integration of molecular functions at the ecosystemic level: breakthroughs and future goals of environmental genomics and post-genomics. <i>Ecology Letters</i> , 2010, 13, 776-791.	3.0	35
54	Interspecific transmission of a male-killing bacterium on an ecological timescale. <i>Ecology Letters</i> , 2010, 13, 1139-1148.	3.0	100

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56	The evolution of haplodiploidy by male-killing endosymbionts: importance of population structure and endosymbiont mutualisms. <i>Journal of Evolutionary Biology</i> , 2010, 23, 40-52.	0.8	25
57	The group selection controversy. <i>Journal of Evolutionary Biology</i> , 2010, 23, 6-19.	0.8	110
58	The evolution of mutualism. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2507-2528.	0.8	173
59	Combining Next-Generation Sequencing Strategies for Rapid Molecular Resource Development from an Invasive Aphid Species, <i>Aphis glycines</i> . <i>PLoS ONE</i> , 2010, 5, e11370.	1.1	77
60	<i>Spiroplasma</i> Bacteria Enhance Survival of <i>Drosophila hydei</i> Attacked by the Parasitic Wasp <i>Leptopilina heterotoma</i> . <i>PLoS ONE</i> , 2010, 5, e12149.	1.1	203
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63	Genome size of <i>Pachypsylla venusta</i> (Hemiptera: Psyllidae) and the ploidy of its bacteriocyte, the symbiotic host cell that harbors intracellular mutualistic bacteria with the smallest cellular genome. <i>Bulletin of Entomological Research</i> , 2010, 100, 27-33.	0.5	25
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66	Plant green-island phenotype induced by leaf-miners is mediated by bacterial symbionts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2311-2319.	1.2	174
67	Bacterial Genes in the Aphid Genome: Absence of Functional Gene Transfer from <i>Buchnera</i> to Its Host. <i>PLoS Genetics</i> , 2010, 6, e1000827.	1.5	164
68	Slip into Something More Functional: Selection Maintains Ancient Frameshifts in Homopolymeric Sequences. <i>Molecular Biology and Evolution</i> , 2010, 27, 833-839.	3.5	38
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71	The Genome of the Amoeba Symbiont <i>Candidatus</i> <i>Amoebophilus asiaticus</i> Reveals Common Mechanisms for Host Cell Interaction among Amoeba-Associated Bacteria. <i>Journal of Bacteriology</i> , 2010, 192, 1045-1057.	1.0	138
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76	Pervasive associations between <i>Cybaeus</i> spiders and the bacterial symbiont <i>Cardinium</i> . <i>Journal of Invertebrate Pathology</i> , 2010, 103, 150-155.	1.5	43
77	A divergent <i>Cardinium</i> found in daddy long-legs (Arachnida: Opiliones). <i>Journal of Invertebrate Pathology</i> , 2010, 105, 220-227.	1.5	20
78	Bacteriocyte-like cells harbour <i>Wolbachia</i> in the ovary of <i>Drosophila melanogaster</i> (Insecta, Diptera) and <i>Zyginidia pullula</i> (Insecta, Hemiptera). <i>Tissue and Cell</i> , 2010, 42, 328-333.	1.0	29
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82	Symbioses and Stress. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , .	0.3	10
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94	Symbionts and Pathogens: What is the Difference?. Current Topics in Microbiology and Immunology, 2011, 358, 215-243.	0.7	27
95	Genetic Signature of Reproductive Manipulation in the Phylogeography of the Bat Fly, <i>Trichobius major</i> . Journal of Heredity, 2011, 102, 705-718.	1.0	14
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105	Facultative Tenants from the Enterobacteriaceae within Phloem-Feeding Insects. , 2011, , 111-126.		0
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112	Phylogenetic Validation of the Genera <i>Angomonas</i> and <i>Strigomonas</i> of Trypanosomatids Harboring Bacterial Endosymbionts with the Description of New Species of Trypanosomatids and of Proteobacterial Symbionts. <i>Protist</i> , 2011, 162, 503-524.	0.6	136
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116	Molecular subgrouping of <i>Wolbachia</i> and bacteriophage WO infection among some Indian <i>Drosophila</i> species. <i>Journal of Genetics</i> , 2011, 90, 507-510.	0.4	11
117	Effect of the <i>Drosophila</i> endosymbiont <i>Spiroplasma</i> on parasitoid wasp development and on the reproductive fitness of wasp-attacked fly survivors. <i>Evolutionary Ecology</i> , 2011, 25, 1065-1079.	0.5	40
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124	Origin of eukaryotic cells: 40 years on. <i>Symbiosis</i> , 2011, 54, 69-86.	1.2	32
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130	The Prevalence of <i>Candidatus</i> <i>Arsenophonus</i> phytopathogenicus™ Infecting the Planthopper <i>Pentastiridius leporinus</i> (Hemiptera: Cixiidae) Increase Nonlinearly With the Population Abundance in Sugar Beet Fields. <i>Environmental Entomology</i> , 2011, 40, 1345-1352.	0.7	15
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141	New Clues about the Evolutionary History of Metabolic Losses in Bacterial Endosymbionts, Provided by the Genome of <i>Buchnera aphidicola</i> from the Aphid <i>Cinara tujaefilina</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 4446-4454.	1.4	57
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731	Diet, Gut Microbes and Host Mate Choice. BioEssays, 2018, 40, e1800053.	1.2	10
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846	Potential Management Tactics for Pistachio Stink Bugs, <i>Brachynema germari</i> , <i>Acrosternum heegeri</i> and <i>Acrosternum arabicum</i> (Hemiptera: Pentatomidae): High Temperature and Chemical Surface Sterilants Leading to Symbiont Suppression. <i>Journal of Economic Entomology</i> , 2019, 112, 244-254.	0.8	15
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