

RNA-seq analysis of *Macrobrachium rosenbergii* hepatocellular carcinoma infection

Gut Pathogens

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Long Non-Coding RNAs (lncRNAs) of Sea Cucumber: Large-Scale Prediction, Expression Profiling, Non-Coding Network Construction, and lncRNA-microRNA-Gene Interaction Analysis of lncRNAs in <i>Apostichopus japonicus</i> and <i>Holothuria glaberrima</i> During LPS Challenge and Radial Organ Complex Regeneration. <i>Marine Biotechnology</i> , 2016, 18, 485-499.	1.1	30
2	Analysis of Annotation and Differential Expression Methods used in RNA-seq Studies in Crustacean Systems. <i>Integrative and Comparative Biology</i> , 2016, 56, 1067-1079.	0.9	20
3	Comparative microarray profile of the hepatopancreas in the response of <i>Huanghai No. 2</i> <i>Fenneropenaeus chinensis</i> to white spot syndrome virus. <i>Fish and Shellfish Immunology</i> , 2016, 58, 210-219.	1.6	7
4	Transcriptome sequencing and de novo characterization of Korean endemic land snail, <i>Koreanohadra kurodana</i> for functional transcripts and SSR markers. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1999-2014.	1.0	14
5	<i>Vibrio cholerae</i> : A historical perspective and current trend. <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 895-908.	0.5	1
6	Exploring developmental gene toolkit and associated pathways in a potential new model crustacean using transcriptomic analysis. <i>Development Genes and Evolution</i> , 2016, 226, 325-337.	0.4	14
7	Host, pathogen and the environment: the case of <i>Macrobrachium rosenbergii</i> , <i>Vibrio parahaemolyticus</i> and magnesium. <i>Gut Pathogens</i> , 2016, 8, 15.	1.6	24
8	Differentially expressed transcripts in stomach of <i>Penaeus monodon</i> in response to AHPND infection. <i>Developmental and Comparative Immunology</i> , 2016, 65, 53-63.	1.0	54
9	In silico prediction of the G-protein coupled receptors expressed during the metamorphic molt of <i>Sagmariasus verreauxi</i> (Crustacea: Decapoda) by mining transcriptomic data: RNA-seq to repertoire. <i>General and Comparative Endocrinology</i> , 2016, 228, 111-127.	0.8	65
10	Transcriptome profiles of the clam <i>Meretrix petechialis</i> hepatopancreas in response to <i>Vibrio</i> infection. <i>Fish and Shellfish Immunology</i> , 2017, 62, 175-183.	1.6	32
11	Comparative proteome analysis of the hepatopancreas from the Pacific white shrimp <i>Litopenaeus vannamei</i> under long-term low salinity stress. <i>Journal of Proteomics</i> , 2017, 162, 1-10.	1.2	58
12	The Whole-Genome and Transcriptome of the Manila Clam (<i>Ruditapes philippinarum</i>). <i>Genome Biology and Evolution</i> , 2017, 9, 1487-1498.	1.1	75
13	Comparative transcriptome analysis of <i>Sinonovacula constricta</i> in gills and hepatopancreas in response to <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2017, 67, 523-535.	1.6	36
14	Transcriptome, antioxidant enzyme activity and histopathology analysis of hepatopancreas from the white shrimp <i>Litopenaeus vannamei</i> fed with aflatoxin B1 (AFB1). <i>Developmental and Comparative Immunology</i> , 2017, 74, 69-81.	1.0	62
15	<i>In Vitro</i> Isothermal Nucleic Acid Amplification Assisted Surface-Enhanced Raman Spectroscopic for Ultrasensitive Detection of <i>Vibrio parahaemolyticus</i> . <i>Analytical Chemistry</i> , 2017, 89, 9775-9780.	3.2	49
16	Evaluation of cell sheet application on one wall bone defect in <i>Macaca nemestrina</i> through periostin expression. <i>Journal of Physics: Conference Series</i> , 2017, 884, 012039.	0.3	0
17	Transcriptome analysis of the hepatopancreas in <i>Exopalaemon carinicauda</i> infected with an AHPND-causing strain of <i>Vibrio parahaemolyticus</i> . <i>Fish and Shellfish Immunology</i> , 2017, 67, 620-633.	1.6	37
18	HSP70 and HSP90 are involved in shrimp <i>Penaeus vannamei</i> tolerance to AHPND-causing strain of <i>Vibrio parahaemolyticus</i> after non-lethal heat shock. <i>Fish and Shellfish Immunology</i> , 2017, 60, 237-246.	1.6	70

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19	Hemocyanin of <i>Litopenaeus vannamei</i> agglutinates <i>Vibrio parahaemolyticus</i> AHPND (VPAHPND) and neutralizes its toxin. <i>Developmental and Comparative Immunology</i> , 2018, 84, 371-381.	1.0	28
20	Integrating the <i>Vibrio</i> -resistance phenotype and gene expression data for discovery of markers used for resistance evaluation in the clam <i>Meretrix petechialis</i> . <i>Aquaculture</i> , 2018, 482, 130-136.	1.7	8
21	Molecular cloning and expression analysis of a prawn (<i>Macrobrachium rosenbergii</i>) juvenile hormone esterase-like carboxylesterase following immune challenge. <i>Fish and Shellfish Immunology</i> , 2018, 80, 10-14.	1.6	11
22	Wntless, a conserved Wnt-transport protein, is involved in the innate immune response of <i>Macrobrachium rosenbergii</i> . <i>Fish and Shellfish Immunology</i> , 2018, 80, 437-442.	1.6	3
23	<i>Litopenaeus vannamei</i> Transcriptome Profile of Populations Evaluated for Growth Performance and Exposed to White Spot Syndrome Virus (WSSV). <i>Frontiers in Genetics</i> , 2018, 9, 120.	1.1	19
24	Transcriptomic analysis of Pacific white shrimp (<i>Litopenaeus vannamei</i> , Boone 1931) in response to acute hepatopancreatic necrosis disease caused by <i>Vibrio parahaemolyticus</i> . <i>PLoS ONE</i> , 2019, 14, e0220993.	1.1	43
25	Transcriptomic analysis of <i>Macrobrachium rosenbergii</i> (giant fresh water prawn) post-larvae in response to <i>M. rosenbergii</i> nodavirus (MrNV) infection: de novo assembly and functional annotation. <i>BMC Genomics</i> , 2019, 20, 762.	1.2	23
26	Comparative proteomic investigation of <i>Marsupenaeus japonicus</i> hepatopancreas challenged with <i>Vibrio parahaemolyticus</i> and white spot syndrome virus. <i>Fish and Shellfish Immunology</i> , 2019, 93, 851-862.	1.6	16
27	Comparative transcriptome analysis reveals the expression and characterization of digestive enzyme genes in the hepatopancreas of the Chinese mitten crab. <i>Fisheries Science</i> , 2019, 85, 979-989.	0.7	5
28	Nutritional and immunological evaluation of juvenile spiny lobsters <i>Panulirus argus</i> (Latreille). <i>Journal of Experimental Biology</i> , 2019, 39, 162-171.	0.3	23
29	Survival Mechanisms of <i>Campylobacter hepaticus</i> Identified by Genomic Analysis and Comparative Transcriptomic Analysis of in vivo and in vitro Derived Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 107.	1.5	21
30	Comparative transcriptomic analysis of <i>Marsupenaeus japonicus</i> hepatopancreas in response to <i>Vibrio parahaemolyticus</i> and white spot syndrome virus. <i>Fish and Shellfish Immunology</i> , 2019, 87, 755-764.	1.6	28
31	Insights into the intestine immune of <i>Marsupenaeus japonicus</i> under the white spot syndrome virus challenge using RNA sequencing. <i>Veterinary Immunology and Immunopathology</i> , 2019, 208, 25-33.	0.5	22
32	Transcriptomics in aquaculture: current status and applications. <i>Reviews in Aquaculture</i> , 2019, 11, 1379-1397.	4.6	68
33	Liver transcriptome analysis of the <i>Sparus macrocephalus</i> in response to <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 84, 825-833.	1.6	6
34	Effects of <i>Vibrio parahaemolyticus</i> infection on physiological response, histopathology and transcriptome changes in the mud crab (<i>Scylla paramamosain</i>). <i>Fish and Shellfish Immunology</i> , 2020, 106, 197-204.	1.6	20
35	Shedding the Light on <i>Litopenaeus vannamei</i> Differential Muscle and Hepatopancreas Immune Responses in White Spot Syndrome Virus (WSSV) Exposure. <i>Genes</i> , 2020, 11, 805.	1.0	12
36	Transcriptome Analysis Reveals Potential Genes Involved in Digestive Enzyme Function in a Mudflat Crab <i>Helice tientsinensis</i> . <i>Thalassas</i> , 2020, 36, 573-583.	0.1	1

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37	Transcriptomic response to ammonia-N stress in the hepatopancreas of swimming crab <i>Portunus trituberculatus</i> . <i>Marine Life Science and Technology</i> , 2020, 2, 135-145.	1.8	8
38	Transcriptome analysis of <i>Macrobrachium rosenbergii</i> hepatopancreas in response to <i>Vibrio harveyi</i> infection. <i>Aquaculture Research</i> , 2021, 52, 1855-1875.	0.9	3
39	The effect of natural and artificial periphytic substrates with biofloc system on shrimp <i>Penaeus vannamei</i> (Boone 1931) culture: growth and immune response. <i>Aquaculture International</i> , 2021, 29, 651-668.	1.1	6
40	Analysis of transcriptome difference between rapid-growing and slow-growing in <i>Penaeus vannamei</i> . <i>Gene</i> , 2021, 787, 145642.	1.0	11
41	Immune function of cytosolic manganese superoxide dismutase from <i>Macrobrachium rosenbergii</i> in response to bacterial infection. <i>Aquaculture</i> , 2021, 541, 736771.	1.7	6
42	Comparative transcriptomic analysis of <i>Macrobrachium nipponense</i> in response to <i>Aeromonas veronii</i> or <i>Staphylococcus aureus</i> infection. <i>Journal of Oceanology and Limnology</i> , 0, , 1.	0.6	0
43	Comparative transcriptomic analysis reveals the molecular mechanisms related to oxytetracycline-resistance in strains of <i>Aeromonas hydrophila</i> . <i>Aquaculture Reports</i> , 2021, 21, 100812.	0.7	7
44	MicroRNA and mRNA interactions coordinate the immune response in non-lethal heat stressed <i>Litopenaeus vannamei</i> against AHPND-causing <i>Vibrio parahaemolyticus</i> . <i>Scientific Reports</i> , 2020, 10, 787.	1.6	19
45	Identification of SNPs potentially related to immune responses and growth performance in <i>Litopenaeus vannamei</i> by RNA-seq analyses. <i>PeerJ</i> , 2018, 6, e5154.	0.9	13
46	Differential STAT gene expressions of <i>Penaeus monodon</i> and <i>Macrobrachium rosenbergii</i> in response to white spot syndrome virus (WSSV) and bacterial infections: Additional insight into genetic variations and transcriptomic highlights. <i>PLoS ONE</i> , 2021, 16, e0258655.	1.1	3
47	Assessing Host-Pathogen Interaction Networks via RNA-Seq Profiling: A Systems Biology Approach. , 0, , .		1
48	Comparison of Gene Expression Between Resistant and Susceptible Families Against VPAHPND and Identification of Biomarkers Used for Resistance Evaluation in <i>Litopenaeus vannamei</i> . <i>Frontiers in Genetics</i> , 2021, 12, 772442.	1.1	9
50	Protective effects of <i>Bacillus licheniformis</i> against <i>Citrobacter freundii</i> infection in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Journal of Invertebrate Pathology</i> , 2022, 193, 107805.	1.5	5
51	RNA-seq analysis revealing the immune response of <i>Neocaridina denticulata sinensis</i> gill to <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2022, 130, 409-417.	1.6	3
52	Applying genetic technologies to combat infectious diseases in aquaculture. <i>Reviews in Aquaculture</i> , 2023, 15, 491-535.	4.6	11
53	<i>Rhodobacter azotoformans</i> supplementation improves defense ability of Chinese mitten crab <i>Eriocheir sinensis</i> against citrobacteriosis. <i>Fish and Shellfish Immunology</i> , 2022, 131, 991-998.	1.6	2
54	Investigating host-gut microbial relationship in <i>Penaeus monodon</i> upon exposure to <i>Vibrio harveyi</i> . <i>Aquaculture</i> , 2023, 567, 739252.	1.7	5
55	Transcriptome analysis of <i>Macrobrachium rosenbergii</i> hemocytes reveals in-depth insights into the immune response to <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2023, 133, 108533.	1.6	5

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56	Characterization of a Lipopolysaccharide- and Beta-1,3-Glucan Binding Protein (LGBP) from the Hepatopancreas of Freshwater Prawn, <i>Macrobrachium rosenbergii</i> , Possessing Lectin-Like Activity. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 1596-1607.	1.9	3
57	Energy metabolism pathways control the fate of <i>Sinonovacula constricta</i> and induction of immune response under <i>Vibrio parahaemolyticus</i> challenge. <i>Aquaculture</i> , 2023, 569, 739364.	1.7	0
58	Transcriptome Analysis of Multiple Tissues in the Shrimp <i>Penaeus vannamei</i> Reveals the Typical Physiological Response to Three Pathogens. <i>Journal of Marine Science and Engineering</i> , 2023, 11, 389.	1.2	1
59	Compound Chinese herbal extract (RMCP) supplementation improves defense against <i>Aeromonas veronii</i> infection in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Aquaculture International</i> , 0, , .	1.1	0