

Lipopolysaccharide- and \hat{I}^2 -1,3-glucan-binding protein functions as a pattern recognition receptor with a broad role in the defense against microorganisms

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The fragmentation mechanism and immune-protective effect of CfTEP in the scallop <i>Chlamys farreri</i> . <i>Developmental and Comparative Immunology</i> , 2017, 76, 220-228.	1.0	19
2	A mannose-specific C-type lectin from <i>Fenneropenaeus merguensis</i> exhibited antimicrobial activity to mediate shrimp innate immunity. <i>Molecular Immunology</i> , 2017, 92, 87-98.	1.0	24
3	A study on \hat{I}^2 -glucan binding protein (\hat{I}^2 -GBP) and its involvement in phenoloxidase cascade in Indian white shrimp <i>Fenneropenaeus indicus</i> . <i>Molecular Immunology</i> , 2017, 92, 1-11.	1.0	13
4	The recognition mechanism of triple-helical \hat{I}^2 -1,3-glucan by a \hat{I}^2 -1,3-glucanase. <i>Chemical Communications</i> , 2017, 53, 9368-9371.	2.2	32
5	An alternative function of C-type lectin comprising low-density lipoprotein receptor domain from <i>Fenneropenaeus merguensis</i> to act as a binding receptor for viral protein and vitellogenin. <i>Fish and Shellfish Immunology</i> , 2018, 74, 295-308.	1.6	35
6	Lipopolysaccharide- and \hat{I}^2 -1,3-glucan-binding protein from <i>Litopenaeus vannamei</i> : Purification, cloning and contribution in shrimp defense immunity via phenoloxidase activation. <i>Developmental and Comparative Immunology</i> , 2018, 81, 167-179.	1.0	42
7	FmLC6: An ultimate dual-CRD C-type lectin from <i>Fenneropenaeus merguensis</i> mediated its roles in shrimp defense immunity towards bacteria and virus. <i>Fish and Shellfish Immunology</i> , 2018, 80, 200-213.	1.6	23
8	Arthropoda: Pattern Recognition Proteins in Crustacean Immunity. , 2018, , 213-224.		6
9	Expression of <i>Macrobrachium rosenbergii</i> lipopolysaccharide- and \hat{I}^2 -1,3-glucan-binding protein (LGBP) in <i>Saccharomyces cerevisiae</i> and evaluation of its immune function. <i>Fish and Shellfish Immunology</i> , 2019, 84, 341-351.	1.6	10
10	Phloroglucinol Treatment Induces Transgenerational Epigenetic Inherited Resistance Against <i>Vibrio</i> Infections and Thermal Stress in a Brine Shrimp (<i>Artemia franciscana</i>) Model. <i>Frontiers in Immunology</i> , 2019, 10, 2745.	2.2	42
11	Endocrine-disrupting chemicals impair the innate immune prophenoloxidase system in the intertidal mud crab, <i>Macrophthalmus japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 87, 322-332.	1.6	16
12	A unique lectin composing of fibrinogen-like domain from <i>Fenneropenaeus merguensis</i> contributed in shrimp immune defense and firstly found to mediate encapsulation. <i>Fish and Shellfish Immunology</i> , 2019, 92, 276-287.	1.6	16
13	Molecular cloning and characterization of the \hat{I}^2 -1,3-glucan recognition protein in <i>Anatolica polita</i> . <i>Gene</i> , 2019, 697, 144-151.	1.0	3
14	Molecular characterization of a pattern recognition protein LGBP highly expressed in the early stages of mud crab <i>Scylla paramamosain</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 227, 25-31.	0.8	6
15	Review: The structure and function of cellulase (endo- \hat{I}^2 -1,4-glucanase) and hemicellulase (\hat{I}^2 -1,3-glucanase and endo- \hat{I}^2 -1,4-mannase) enzymes in invertebrates that consume materials ranging from microbes, algae to leaf litter. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 240, 110354.	0.7	48
16	Dietary supplementation of marine yeast <i>Yarrowia lipolytica</i> modulates immune response in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2020, 105, 469-476.	1.6	19
17	A proteomic study of resistance to Brown Ring disease in the Manila clam, <i>Ruditapes philippinarum</i> . <i>Fish and Shellfish Immunology</i> , 2020, 99, 641-653.	1.6	14
18	White shrimp <i>Litopenaeus vannamei</i> that have received mixtures of heat-killed and formalin-inactivated <i>Vibrio alginolyticus</i> and <i>V. harveyi</i> exhibit recall memory and show increased phagocytosis and resistance to <i>Vibrio</i> infection. <i>Fish and Shellfish Immunology</i> , 2021, 112, 151-158.	1.6	9

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19	Physiological and antioxidant response of <i>Litopenaeus vannamei</i> against <i>Vibrio parahaemolyticus</i> infection after feeding supplemented diets containing <i>Dunaliella</i> sp. flour and β -glucans. <i>Journal of Invertebrate Pathology</i> , 2022, 187, 107702.	1.5	4
20	Effects of the interaction between a clip domain serine protease and a white spot syndrome virus protein on phenoloxidase activity. <i>Developmental and Comparative Immunology</i> , 2022, 130, 104360.	1.0	2
21	Galectin, another lectin from <i>Fenneropenaeus merguensis</i> , contributed in shrimp immune defense. <i>Journal of Invertebrate Pathology</i> , 2022, 190, 107738.	1.5	5
23	Antibacterial and antibiofilm activity of peptide PvGBP2 against pathogenic bacteria that contaminate <i>Auricularia auricular</i> culture bags. <i>Food Science and Human Wellness</i> , 2022, 11, 1607-1613.	2.2	2
24	Molecular basis for interactions between protists and other organisms: How protists recognize and capture prey cells. <i>Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry)</i> , 2022, 39, 92-97.	0.0	0
25	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
30	Crustaceans: Microbes and Defense Mechanisms. , 2023, , 151-166.		0