

Fungal proteinase expression in the interaction of the p with its host

Gene

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of cuticle-degrading proteases in fungal pathogenesis of insects. <i>Canadian Journal of Botany</i> , 1995, 73, 1119-1125.	1.1	176
2	Characterization of SNP1, a Cell Wall-Degrading Trypsin, Produced During Infection by <i>Stagonospora nodorum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2000, 13, 538-550.	2.6	71
3	Epichloa endophytes: fungal symbionts of grasses. <i>Current Opinion in Microbiology</i> , 2001, 4, 393-398.	5.1	63
4	Molecular Characterization of a Subtilase from the Vascular Wilt Fungus <i>Fusarium oxysporum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 653-662.	2.6	41
5	Involvement of Proteolytic Enzymes and Their Inhibitors in Plant Protection (Review). <i>Applied Biochemistry and Microbiology</i> , 2001, 37, 115-123.	0.9	33
6	aspS encoding an unusual aspartyl protease from <i>Sclerotinia sclerotiorum</i> expressed during phytopathogenesis. <i>FEMS Microbiology Letters</i> , 2001, 194, 27-32.	1.8	56
7	Cell Biology of Fungal Infection of Plants. , 2001, , 91-123.		21
8	Trypsin-Like Proteinase Produced by <i>Fusarium culmorum</i> Grown on Grain Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 3849-3855.	5.2	32
9	Functional and Comparative Bioinformatic Analysis of Expressed Genes from Wheat Spikes Infected with <i>Fusarium graminearum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2002, 15, 445-455.	2.6	93
10	Identification of a Putative Vacuolar Serine Protease Gene in the Rice Blast Fungus, <i>Magnaporthe grisea</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 663-666.	1.3	10
11	Purification and properties of an alkaline proteinase of <i>Fusarium culmorum</i> . <i>FEBS Journal</i> , 2002, 269, 798-807.	0.2	47
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13	Deletion of the SNP1 trypsin protease from <i>Stagonospora nodorum</i> reveals another major protease expressed during infection. <i>Fungal Genetics and Biology</i> , 2003, 38, 43-53.	2.1	27
14	Disruption of the Subtilase Gene, <i>albin1</i> , in <i>Ophiostoma piliferum</i> . <i>Applied and Environmental Microbiology</i> , 2004, 70, 3898-3903.	3.1	10
15	Gene expression during infection of wheat roots by the 'take-all' fungus <i>Gaeumannomyces graminis</i> . <i>Molecular Plant Pathology</i> , 2004, 5, 203-216.	4.2	28
16	Isolation of two aspartyl proteases from <i>Trichoderma asperellum</i> expressed during colonization of cucumber roots. <i>FEMS Microbiology Letters</i> , 2004, 238, 151-158.	1.8	66
17	Analysis of a Secreted Aspartic Peptidase Disruption Mutant of <i>Glomerella cingulata</i> . <i>European Journal of Plant Pathology</i> , 2004, 110, 265-274.	1.7	18
18	Role of inhibitors of proteolytic enzymes in plant defense against phytopathogenic microorganisms. <i>Biochemistry (Moscow)</i> , 2004, 69, 1305-1309.	1.5	83

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19	Isolation of two aspartyl proteases from expressed during colonization of cucumber roots. FEMS Microbiology Letters, 2004, 238, 151-158.	1.8	83
20	Analysis of the distribution and regulation of three representative subtilase genes in sapstaining fungi. Fungal Genetics and Biology, 2004, 41, 274-283.	2.1	6
21	Functional analysis of tvsp1, a serine protease-encoding gene in the biocontrol agent Trichoderma virens. Fungal Genetics and Biology, 2004, 41, 336-348.	2.1	125
22	Leptosphaeria maculans, a fungal pathogen of Brassica napus, secretes a subtilisin-like serine protease. European Journal of Plant Pathology, 2005, 112, 23-29.	1.7	8
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25	Influence of autoclaved saprotrophic fungal mycelia on proteolytic activity in ectomycorrhizal fungi. Antonie Van Leeuwenhoek, 2007, 92, 137-142.	1.7	8
26	Analysis of protease activity in Aspergillus flavus and A. parasiticus on peanut seed infection and aflatoxin contamination. European Journal of Plant Pathology, 2009, 124, 391-403.	1.7	11
28	From Tools of Survival to Weapons of Destruction: The Role of Cell Wall-Degrading Enzymes in Plant Infection. , 2009, , 181-200.		9
29	New insights into the evolution of subtilisin-like serine protease genes in Pezizomycotina. BMC Evolutionary Biology, 2010, 10, 68.	3.2	64
30	Identification of in planta-expressed arbuscular mycorrhizal fungal proteins upon comparison of the root proteomes of Medicago truncatula colonised with two Glomus species. Fungal Genetics and Biology, 2010, 47, 608-618.	2.1	18
31	Independent Subtilases Expansions in Fungi Associated with Animals. Molecular Biology and Evolution, 2011, 28, 3395-3404.	8.9	51
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35	Differential expression of the putative Kex2 processed and secreted aspartic proteinase gene family of Cryphonectria parasitica. Fungal Biology, 2012, 116, 363-378.	2.5	2
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38	Thionins - Nature's Weapons of Mass Protection. ACS Symposium Series, 2012, , 415-443.	0.5	1
39	Purification and Characterization of AsES Protein. Journal of Biological Chemistry, 2013, 288, 14098-14113.	3.4	43
40	Horizontal Transfer of a Subtilisin Gene from Plants into an Ancestor of the Plant Pathogenic Fungal Genus Colletotrichum. PLoS ONE, 2013, 8, e59078.	2.5	28
41	Serine protease identification (<i>in vitro</i>) and molecular structure predictions (<i>in silico</i>) from a phytopathogenic fungus, <i>Alternaria solani</i> . Journal of Basic Microbiology, 2014, 54, S210-8.	3.3	7
42	Production, partial purification and characterization of protease from a phytopathogenic fungi <i>Alternaria solani</i> (Soraue). Journal of Basic Microbiology, 2014, 54, 763-774.	3.3	20
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45	Synergistic Action of a Metalloprotease and a Serine Protease from <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> Cleaves Chitin-Binding Tomato Chitinases, Reduces Their Antifungal Activity, and Enhances Fungal Virulence. Molecular Plant-Microbe Interactions, 2015, 28, 996-1008.	2.6	152
46	Genome analysis of <i>Daldinia eschscholtzii</i> strains UM 1400 and UM 1020, wood-decaying fungi isolated from human hosts. BMC Genomics, 2015, 16, 966.	2.8	16
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48	Gene family expansions and contractions are associated with host range in plant pathogens of the genus <i>Colletotrichum</i> . BMC Genomics, 2016, 17, 555.	2.8	151
49	Kingdom-Wide Analysis of Fungal Small Secreted Proteins (SSPs) Reveals their Potential Role in Host Association. Frontiers in Plant Science, 2016, 7, 186.	3.6	165
50	Proteases from phytopathogenic fungi and their importance in phytopathogenicity. Journal of General Plant Pathology, 2016, 82, 233-239.	1.0	41
51	<i>Peltaster fructicola</i> genome reveals evolution from an invasive phytopathogen to an ectophytic parasite. Scientific Reports, 2016, 6, 22926.	3.3	21
52	<i>Ex Vivo</i> Application of Secreted Metabolites Produced by Soil-Inhabiting <i>Bacillus</i> spp. Efficiently Controls Foliar Diseases Caused by <i>Alternaria</i> spp. Applied and Environmental Microbiology, 2016, 82, 478-490.	3.1	49
53	<i>Magnaportheopsis meyeri-festucaae</i> , sp. nov., associated with a summer patch-like disease of fine fescue turfgrasses. Mycologia, 2017, 109, 1-10.	1.9	10
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58	Major Plant Pathogens of the Magnaporthaceae Family. <i>Soil Biology</i> , 2013, , 45-88.	0.8	7
59	RNA-Seq Analysis of the <i>Sclerotinia homoeocarpa</i> "Creeping Bentgrass Pathosystem. <i>PLoS ONE</i> , 2012, 7, e41150.	2.5	33
60	Cell Wall Degradation and Fortification. <i>Books in Soils, Plants, and the Environment</i> , 2007, , .	0.1	0
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62	Cloning and sequence analysis of a serine protease gene from <i>Rhizoctonia solani</i> AG5. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	3.1	0
63	A secreted fungal subtilase interferes with rice immunity via degradation of SUPPRESSOR OF G2 ALLELE OF <i>skp1</i> . <i>Plant Physiology</i> , 2022, 190, 1474-1489.	4.8	10