

Table S15: The distribution of *Fusarium circinatum*-specific proteins , determined through psi-BLASTp analyses, amongst sequenced species in the NCBI database.

Query Gene	Species	Protein ID	Score	E-value	Alignment length ^a	Identity (%) ^a	Positives (%) ^a	
FCIRG_04559	<i>Nectria haematococca</i> mpVI 77-13-4	gi_302881705_ref_XP_003039763.1; Necha2_85516	676	0	709	49,51	64,6	
	<i>N. haematococca</i> mpVI 77-13-4	gi_256725063_gb_EEU38429.1; Necha2_59609	555	0	498	53,41	70,88	
	<i>Fusarium avenaceum</i>	gi_751348423_gb_KIL86145.1	532	3,00E-176	702	42,31	58,4	
	<i>F. oxysporum</i> Fo5176	gi_342886514; FOXB_01356	528	7,00E-175	701	42,37	58,49	
	<i>F. verticillioides</i> 7600	gi_584145854; FVEG_13162	524	2,00E-173	701	41,94	58,2	
	<i>F. oxysporum</i> f. sp. <i>pisi</i> HDV247	gi_587736448_gb_EXA34164.1; FOVG_14601	524	2,00E-173	701	42,23	58,35	
	<i>F. pseudograminearum</i> CS3096	gi_685859853	524	2,00E-173	711	42,19	58,51	
	<i>Colletotrichum higginsianum</i>	gi_380490613_emb_CCF35893.1	491	7,00E-160	713	40,39	56,66	
	<i>C. graminicola</i> M1.001	gi_310799562_gb_EFQ34455.1; Colgr1_8656Colsu1_556281	486	1,00E-158	716	40,36	55,03	
	<i>C. sublineola</i>	gi_640917358_gb_KDN62083.1	484	2,00E-157	661	42,36	58,4	
	<i>N. haematococca</i> mpVI 77-13-4	gi_302888222; gi_302890517_XP_003044142.1	472	1,00E-153	582	44,16	61,34	
	<i>C. gloeosporioides</i> Cg-14	gi_530473007_gb_EQB53507.1	470	1,00E-152	666	42,19	56,91	
	<i>F. fujikuroi</i> IMI 58289	gi_517318728_emb_CCT69619.1	469	2,00E-152	681	40,23	56,09	
	<i>F. graminearum</i>	gi_699038476_emb_CEF77502.1; FGSG_02825	466	5,00E-151	651	41,94	57,6	
	<i>C. gloeosporioides</i> Nara gc5	gi_596680550; GLO06755	465	1,00E-150	661	42,06	56,73	
	<i>F. oxysporum</i> Fo47	gi_587692313; FOZG_08162	459	4,00E-150	552	45,11	61,78	
	FCIRG_04558	<i>Fonsecaea pedrosoi</i>	KIW84299.1	698	0	435	75	86,44
		<i>R. bacterium</i> URHD0088	WP_037266633.1	633	0	414	72	82,37
		<i>Candidatus Entothionella</i> sp. TSY1	WP_034418784.1	306	7,00E-96	408	41	58,33
		<i>C. Entothionella</i> sp. TSY1	ETW98620.1	306	1,00E-95	408	40	58,33
<i>Thermomicrobiales bacterium</i>		WP_038038042.1	301	1,00E-93	408	40	58,33	
<i>Pseudomonas aeruginosa</i>		WP_033951105	288	9,00E-89	403	40	58,22	
<i>Halotalea alkalienta</i>		WP_027350040	278	1,00E-84	403	40	58,21	
<i>Burkholderia sordidicola</i>		WP_031360312.1	296	1,00E-91	405	40	58,52	
FCIRG_04557		<i>Trichoderma virens</i>	gi_358386050_gb_EHK23646.1	582	0	446	65,47	73,77
		<i>Metarhizium guizhouense</i>	gi_743665647_gb_KID92796.1	588	0	448	65,18	74,78
	<i>T. reesei</i>	XP_006965202	579	0	467	63,81	72,38	
	<i>M. anisopliae</i>	gi_589106359;	598	0	466	63,73	74,25	
	<i>T. atroviride</i>	770404918_gb_KJK89846.1; EHK_044055	581	0	467	63,38	71,95	
	<i>T. harzianum</i>	KKP_01087	588	0	399	74,19	74,19	
	<i>Ophiostoma piceae</i>	gi_358394662_gb_EHK44055.1	556	0	432	62,96	74,77	
	<i>Nectria haematococca</i>	gi_302888535	626	0	599	52,42	68,95	
	<i>Fusarium oxysporum</i> f. sp. <i>melonis</i>	gi_590044546	590	0	565	52,74	67,79	
	<i>F. oxysporum</i> f. sp. <i>radicis-lycopersici</i>	gi_591410826	590	0	565	52,74	67,79	
	<i>M. robertsii</i>	gi_629736656 (MAA 10450)	595	0	600	51	67,83	
	FCIRG_04556	<i>Nectria haematococca</i>	gi_302888535	626	0	599	52,42	68,95
		<i>Metarhizium robertsii</i>	gi_629736656; MAA10450	595	0	600	51	67,83
<i>M. robertsii</i>		XP_007826639; STE12	595	0	600	51	67,83	
<i>M. anisopliae</i>		gi_672383964	589	0	600	51	67,67	
<i>Fusarium oxysporum</i> f. sp. <i>melonis</i>		gi_590044546	590	0	565	52,74	67,79	
<i>F. oxysporum</i> f. sp. <i>radicis-lycopersici</i>		gi_591410826	590	0	565	52,74	67,79	
<i>M. brunneum</i> ARSEF 3297		gi_743630071	585	0	600	50	66,83	
FCIRG_04555		<i>Scedosporium apiospermum</i>	gi_666869369; gb_KEZ45657.1	474	5,00E-161	446	56,05	69,06
	<i>S. schenckii</i>	gi_550805532; gb_ERS97448.1	460	2,00E-155	445	53,26	68,09	
	<i>Exophiala oligosperma</i>	gi_759261176; gb_KIW37706.1	461	5,00E-156	433	52,66	70,21	
	<i>E. aquamarina</i>	gi_656914937; gb_KEF60516.1	417	3,00E-138	430	51,16	68,14	
	<i>S. brasiliensis</i>	gi_550805532; gb_KIH 89839	460	2,00E-155	445	53,26	68,09	
	<i>S. schenckii</i>	gi_780591189 gb_KJR81948.1	458	2,00E-154	441	53,74	68,48	
	<i>Trichoderma harzianum</i>	gi_818157569; gb_KKO98440.1	447	8,00E-150	433	50,81	67,9	
	<i>T. reesei</i>	gi_589112713_XP_006968379.1	437	5,00E-146	471	48,41	63,91	
	<i>Cladophialophora immunda</i>	gi_759252803 gb_KIW29467.1	378	3,00E-123	438	44,52	63,01	
	<i>Fonsecaea multimorphosa</i>	gi_761332535 gb_KIX94174.1	376	2,00E-122	437	44,62	62,24	
	<i>Bougainvillea spectabilis</i>	gi_57724113 gb_GAD97227.1	361	1,00E-116	434	43,09	63,13	
	<i>E. xenobiotica</i>	gi_759280896 gb_KIW57400.1	353	2,00E-113	409	44,99	64,06	

^aGiven in amino acids.