

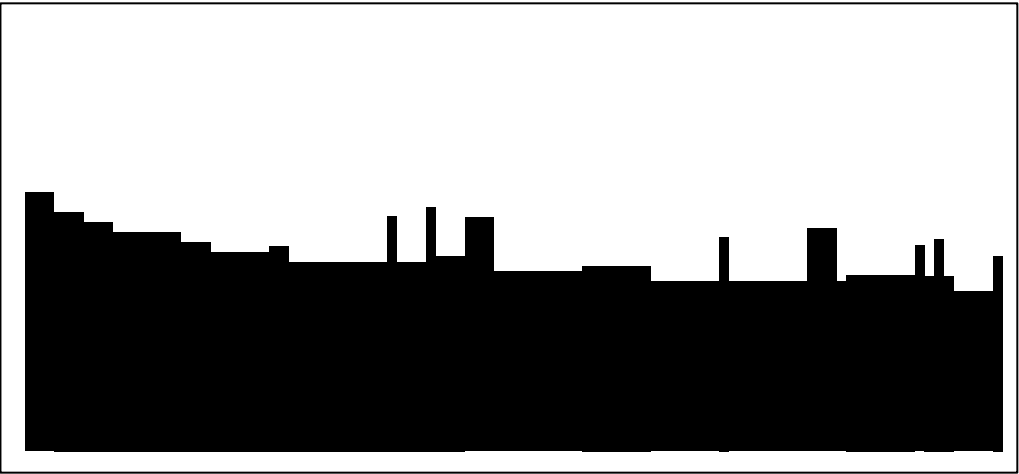
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Verticillium nonalfalfae

Plectosphaerellaceae

Glomerellales

92.13



Verticillium nonalfalfae mitochondrion, complete g	KR704425	92.13	99.54	1.09136e-81	Glomerellales	Plectosphaerellaceae	Verticillium nonalfalfae
Verticillium dahliae JR2 chromosome 2, complete se	CP009079	92.13	99.54	1.09136e-81	Glomerellales	Plectosphaerellaceae	Verticillium dahliae JR2
Verticillium albo-atrum VaMs.102 cytochrome-c oxid	XM_003009757	92.13	99.54	1.09136e-81	Glomerellales	Plectosphaerellaceae	Verticillium alfalfae VaMs.102
Colletotrichum coccodes isolate ND3 cytochrome oxi	KP987547	91.2	99.54	5.65341e-79	Glomerellales	Glomerellaceae	Colletotrichum coccodes
Colletotrichum coccodes isolate ND1 cytochrome oxi	KP987546	91.2	99.54	5.65341e-79	Glomerellales	Glomerellaceae	Colletotrichum coccodes
Verticillium dahliae mitochondrion, complete genom	DQ351941	91.2	99.54	5.65341e-79	Glomerellales	Plectosphaerellaceae	Verticillium dahliae
Colletotrichum tamarilloi mitochondrion, complete	KU196965	90.74	99.54	6.88726e-78	Glomerellales	Glomerellaceae	Colletotrichum tamarilloi
Colletotrichum lupini strain CBS 119142 culture-co	KT918406	90.74	99.54	6.88726e-78	Glomerellales	Glomerellaceae	Colletotrichum lupini
Calonectria colhouinii strain H125 cytochrome oxida	JN574872	90.74	99.54	6.88726e-78	Hypocreales	Nectriaceae	Calonectria colhouinii
Colletotrichum fioriniae mitochondrion, complete g	KU375885	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum fioriniae
Colletotrichum acutatum isolate Cacu1 cytochrome o	KP987548	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum acutatum
Colletotrichum incanum isolate AR3 cytochrome oxid	KP987544	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum incanum
Colletotrichum incanum isolate IL9A cytochrome oxi	KP987534	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum incanum
Colletotrichum incanum isolate IL7A cytochrome oxi	KP987533	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum incanum
Colletotrichum incanum isolate IL6A cytochrome oxi	KP987532	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum incanum
Colletotrichum acutatum isolate KC05 mitochondrion,	KR349346	90.28	99.54	2.92854e-76	Glomerellales	Glomerellaceae	Colletotrichum acutatum
Emericellopsis sp. 1a5 mitochondrion, complete gen	KR864756	89.81	99.54	3.56769e-75	Hypocreales		Emericellopsis sp. 1a5
Lecanicillium saksenae mitochondrion, complete gen	KT585676	89.81	99.54	3.56769e-75	Hypocreales	Cordycipitaceae	Lecanicillium saksenae
Uncultured fungus mitochondrial partial cox1 gene	FN640536	89.81	99.54	3.56769e-75			uncultured fungus
Beauveria malawiensis isolate k89 mitochondrion, c	KT201147	89.35	99.54	1.51702e-73	Hypocreales	Cordycipitaceae	Beauveria malawiensis
Sporothrix schenckii 1099-18 cytochrome oxidase su	XM_016737272	89.35	99.54	1.51702e-73	Ophiostomatales	Ophiostomataceae	Sporothrix schenckii 1099-18
Acremonium fuci strain 3a34 culture-collection VKM	KR864757	89.35	99.54	1.51702e-73	Hypocreales		Acremonium fuci
Thelonectria veuillotiana strain 5686 cytochrome o	JN574862	89.35	99.54	1.51702e-73	Hypocreales	Nectriaceae	Thelonectria veuillotiana
Uncultured fungus mitochondrial partial cox1 gene	FN640538	89.35	99.54	1.51702e-73			uncultured fungus
Metarhizium anisopliae voucher DAOM 2377350.1 COI	FJ501247	89.35	99.54	1.51702e-73	Hypocreales	Clavicipitaceae	Metarhizium anisopliae
Colletotrichum chlorophyti isolate AL0 cytochrome	KP987542	89.62	97.7	5.29492e-73	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Leohumicola sp. DAOM 239516 cytochrome oxidase sub	EU678468	89.62	97.7	5.29492e-73			Leohumicola sp. DAOM 239516
Beauveria bassiana isolate k4 mitochondrion, compl	KT201148	88.89	99.54	1.84811e-72	Hypocreales	Cordycipitaceae	Beauveria bassiana
Beauveria bassiana isolate ARSEF13136 cytochrome o	KR733105	88.89	99.54	1.84811e-72	Hypocreales	Cordycipitaceae	Beauveria bassiana
Colletotrichum truncatum isolate AR2 cytochrome ox	KP987543	88.89	99.54	1.84811e-72	Glomerellales	Glomerellaceae	Colletotrichum truncatum
Colletotrichum truncatum isolate IL28C cytochrome	KP987541	88.89	99.54	1.84811e-72	Glomerellales	Glomerellaceae	Colletotrichum truncatum
Colletotrichum truncatum isolate IL16D cytochrome	KP987536	88.89	99.54	1.84811e-72	Glomerellales	Glomerellaceae	Colletotrichum truncatum
Colletotrichum truncatum isolate IL15B cytochrome	KP987535	88.89	99.54	1.84811e-72	Glomerellales	Glomerellaceae	Colletotrichum truncatum
Metacordyceps chlamydosporia strain 170 mitochondr	KF479445	88.89	99.54	1.84811e-72	Hypocreales	Clavicipitaceae	Pochonia chlamydosporia
Cosmospora meliopsicola strain 5186 cytochrome oxi	JN574859	88.89	99.54	1.84811e-72	Hypocreales	Nectriaceae	Cosmospora meliopsicola
Sporothrix schenckii mitochondrial DNA, complete g	AB568600	88.89	99.54	1.84811e-72	Ophiostomatales	Ophiostomataceae	Sporothrix schenckii
Sporothrix schenckii mitochondrial DNA, complete g	AB568599	88.89	99.54	1.84811e-72	Ophiostomatales	Ophiostomataceae	Sporothrix schenckii
Uncultured fungus mitochondrial partial cox1 gene	FN640542	91.04	92.63	1.84811e-72			uncultured fungus
Monocillium mucidum voucher DAOM 2268470.1 COI gen	FJ501248	88.89	99.54	1.84811e-72			Monocillium mucidum
Emericellopsis minima voucher DAOM 2267070.1 COI g	FJ501225	88.89	99.54	1.84811e-72	Hypocreales		Emericellopsis minima
Beauveria bassiana voucher DAOM 2335220.1 COI gene	FJ501224	88.89	99.54	1.84811e-72	Hypocreales	Cordycipitaceae	Beauveria bassiana
Leohumicola verrucosa strain DAOM 239536 cytochrom	EU678454	91.46	91.71	1.84811e-72			Leohumicola verrucosa
Colletotrichum chlorophyti isolate MS1 cytochrome	KP987545	89.15	97.7	2.25146e-71	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Colletotrichum chlorophyti isolate IL2A cytochrome	KP987531	89.15	97.7	2.25146e-71	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Colletotrichum chlorophyti isolate IL1A cytochrome	KP987530	89.15	97.7	2.25146e-71	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Leohumicola verrucosa strain DAOM 231144 cytochrom	EU678459	90.95	91.71	2.25146e-71			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 230085 cytochrom	EU678456	90.95	91.71	2.25146e-71			Leohumicola verrucosa
Leohumicola verrucosa strain HNLHM117 cytochrome o	EU678449	90.95	91.71	2.25146e-71			Leohumicola verrucosa
Beauveria bassiana mitochondrion, complete genome	KU869769	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Beauveria bassiana
Beauveria pseudobassiana strain C1010 mitochondrio	KF297618	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Beauveria pseudobassiana
Cordyceps sp. CUHK CD14-1 culture-collection CUHK:	HM595942	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Cordyceps sp. CUHK CD14-1
Cordyceps sp. CUHK CSM1 culture-collection CUHK:CS	HM595941	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Cordyceps sp. CUHK CSM1
Uncultured fungus mitochondrial partial mRNA for c	FN600250	88.43	99.54	7.85836e-71			uncultured fungus
Beauveria bassiana voucher LRC1370.1 COI gene, par	FJ501223	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Beauveria bassiana
Cordyceps brongniartii isolate IMBST95031 mitochon	EU100743	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Cordyceps brongniartii
Cordyceps bassiana isolate Bb147 mitochondrion, co	EU100742	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Beauveria bassiana
Beauveria bassiana mitochondrion, complete genome	EU371503	88.43	99.54	7.85836e-71	Hypocreales	Cordycipitaceae	Beauveria bassiana
Fusarium decemcellulare strain 6933 cytochrome oxi	JN574866	88.68	97.7	2.74284e-70	Hypocreales	Nectriaceae	Fusarium decemcellulare
Fusarium decemcellulare strain 6939 cytochrome oxi	JN574867	88.68	97.7	2.74284e-70	Hypocreales	Nectriaceae	Fusarium decemcellulare
Fusarium cortaderiae isolate HY077 cytochrome oxid	FJ544551	88.68	97.7	2.74284e-70	Hypocreales	Nectriaceae	Fusarium cortaderiae
Gibberella circinata voucher DAOM 2357530.1 COI ge	FJ501232	88.68	97.7	2.74284e-70	Hypocreales	Nectriaceae	Fusarium circinatum
Leohumicola minima strain DAOM 232587 cytochrome o	EU678466	88.68	97.7	2.74284e-70			Leohumicola minima
Leohumicola atra strain DAOM 239535 cytochrome oxi	EU678450	88.68	97.7	2.74284e-70			Leohumicola atra
Leohumicola atra strain DAOM 239515 cytochrome oxi	EU678425	88.68	97.7	2.74284e-70			Leohumicola atra
Beauveria caledonica isolate thr1 mitochondrion, c	KT201150	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Beauveria caledonica
Beauveria bassiana isolate e17 mitochondrion, comp	KT201149	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Beauveria bassiana
Cordyceps militaris isolate CM06 mitochondrion, pa	KP722500	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate F01 mitochondrion, par	KP722499	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM07 mitochondrion, pa	KP722498	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CMA mitochondrion, par	KP722497	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris cytochrome oxidase subunit I (JQ680973	87.96	99.54	9.57344e-70	Hypocreales	Cordycipitaceae	Cordyceps militaris
Madurella mycetomatis mitochondrion, complete geno	JQ015302	90.05	92.63	9.57344e-70	Sordariales		Madurella mycetomatis
Peltigera malacea mitochondrion, complete genome	JN088164	87.96	99.54	9.57344e-70	Peltigerales	Peltigeraceae	Peltigera malacea
Uncultured fungus mitochondrial partial cox1 gene	FN640524	87.96	99.54	9.57344e-70			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600272	87.96	99.54	9.57344e-70			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599593	87.96	99.54	9.57344e-70			uncultured fungus
Arthrosporium sp. 'hyalospora' cytochrome oxidase	FJ663052	87.96	99.54	9.57344e-70			Arthrosporium sp. 'hyalospora'
Acremonium murorum var. felinum cytochrome oxidase	FJ663051	87.96	99.54	9.57344e-70	Hypocreales	Bionectriaceae	Gliomastix murorum var. felina
Fusarium sp. KAS-2008 COI gene, partial sequence;	FJ501236	87.96	99.54	9.57344e-70	Hypocreales	Nectriaceae	Fusarium delphinoides
Tetracladium setigerum strain CCM F-20987 cytochro	EU883408	87.96	99.54	9.57344e-70			Tetracladium setigerum
Leohumicola verrucosa strain DAOM 231142 cytochrom	EU678458	90.45	91.71	9.57344e-70			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 231141 cytochrom	EU678457	90.45	91.71	9.57344e-70			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 239497 cytochrom	EU678418	90.45	91.71	9.57344e-70			Leohumicola verrucosa
Neurospora crassa mitochondrial COI gene for cytoc	X14669	87.96	99.54	9.57344e-70	Sordariales	Sordariaceae	Neurospora crassa
Gymnostellatospora sp. Cr1 cytochrome oxidase subu	FJ590567	88.26	98.16	3.34146e-69			Gymnostellatospora sp. Cr1
Pseudogymnoascus roseus isolate Cr26 cytochrome ox	FJ590566	88.26	98.16	3.34146e-69			Pseudogymnoascus roseus
Pseudogymnoascus roseus isolate Cr4 cytochrome oxi	FJ590565	88.26	98.16	3.34146e-69			Pseudogymnoascus roseus
Geomyces pannorum isolate Cr3 cytochrome oxidase s	FJ590564	88.26	98.16	3.34146e-69			Pseudogymnoascus pannorum
Pseudogymnoascus roseus isolate C12 cytochrome oxi	FJ590563	88.26	98.16	3.34146e-69			Pseudogymnoascus roseus
Gymnostellatospora alpina isolate C11 cytochrome o	FJ590562	88.26	98.16	3.34146e-69			Gymnostellatospora alpina
Pseudogymnoascus roseus isolate C1 cytochrome oxid	FJ590560	88.26	98.16	3.34146e-69			Pseudogymnoascus roseus
Dasybranchus sp. DH1 cytochrome oxidase subunit I	EU835658	89.66	93.55	3.34146e-69			Dasybranchus sp. DH1
Colletotrichum gloeosporioides strain ATCC 58222 c	KP987550	88.21	97.7	1.16628e-68	Glomerellales	Glomerellaceae	Colletotrichum gloeosporioides
Leohumicola sp. DAOM 230084 cytochrome oxidase sub	EU678455	89.95	91.71	1.16628e-68			Leohumicola sp. DAOM 230084
Leohumicola levissima strain HNLHM2 cytochrome oxi	EU678419	88.21	97.7	1.16628e-68			Leohumicola levissima
Cordyceps militaris strain EFCC-C2 mitochondrion,	KF432176	87.5	99.54	4.07073e-68	Hypocreales	Cordycipitaceae	Cordyceps militaris
Peltigera membranacea mitochondrion, complete geno	JN088165	87.5	99.54	4.07073e-68	Peltigerales	Peltigeraceae	Peltigera membranacea
Uncultured fungus mitochondrial partial cox1 gene	FN640544	87.5	99.54	4.07073e-68			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640541	87.5	99.54	4.07073e-68			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640494	89.16	93.55	4.07073e-68			uncultured fungus