

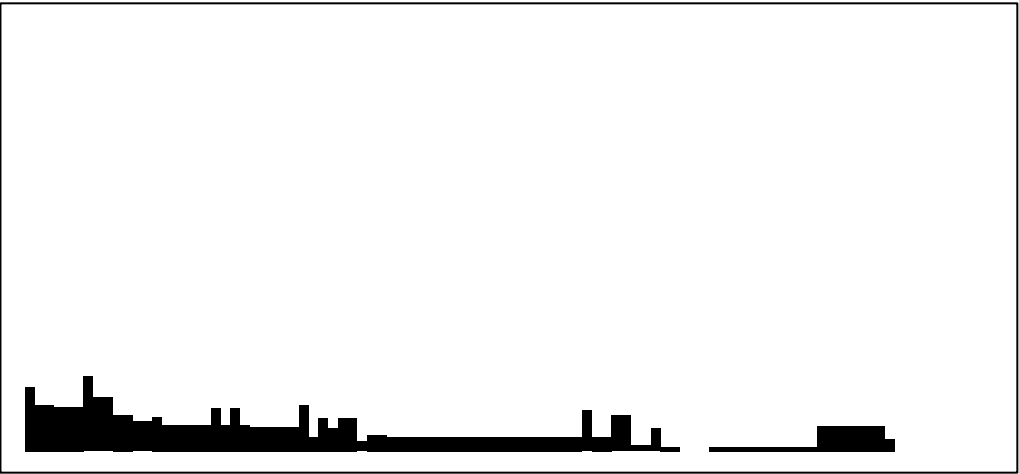
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Calonectria colhounii

Nectriaceae

Hypocreales

83.02



Calonectria colhounii strain H125 cytochrome oxida	JN574872	83.02	97.7	5.29472e-54	Hypocreales	Nectriaceae	Calonectria colhounii
Colletotrichum fioriniae mitochondrion, complete g	KU375885	82.16	98.16	7.85806e-52	Glomerellales	Glomerellaceae	Colletotrichum fioriniae
Arthrosporium sp. 'hyalospora' cytochrome oxidase	FJ663052	82.16	98.16	7.85806e-52			Arthrosporium sp. 'hyalospora'
Cosmospora meliopsicola strain 5186 cytochrome oxi	JN574859	82.08	97.7	2.74273e-51	Hypocreales	Nectriaceae	Cosmospora meliopsicola
Uncultured fungus mitochondrial partial mRNA for c	FN600226	82.08	97.7	2.74273e-51			uncultured fungus
Acremonium murorum var. felinum cytochrome oxidase	FJ663051	82.08	97.7	2.74273e-51	Hypocreales	Bionectriaceae	Gliomastix murorum var. felina
Dasybranchus sp. DH1 cytochrome oxidase subunit I	EU835658	83.5	92.17	2.74273e-51	Capitellida	Capitellidae	Dasybranchus sp. DH1
Leohumicola atra strain DAOM 239535 cytochrome oxi	EU678450	82.52	94.93	9.57308e-51			Leohumicola atra
Leohumicola atra strain DAOM 239515 cytochrome oxi	EU678425	82.52	94.93	9.57308e-51			Leohumicola atra
Colletotrichum tamarilloi mitochondrion, complete	KU196965	81.69	98.16	3.34133e-50		Glomerellaceae	Colletotrichum tamarilloi
Colletotrichum lupini strain CBS 119142 culture-co	KT918406	81.69	98.16	3.34133e-50	Glomerellales	Glomerellaceae	Colletotrichum lupini
Colletotrichum lindemuthianum mitochondrion, compl	KF953885	81.4	99.08	3.34133e-50	Glomerellales	Glomerellaceae	Colletotrichum lindemuthianum
Glomerella lindemuthiana strain LV49 cytochrome ox	HM450146	81.4	99.08	3.34133e-50	Glomerellales	Glomerellaceae	Colletotrichum lindemuthianum
Metacordyceps chlamydosporia strain 170 mitochondr	KF479445	81.6	97.7	1.16624e-49	Hypocreales	Clavicipitaceae	Pochonia chlamydosporia
Cladophialophora bantiana mitochondrion, complete	KX257489	81.22	98.16	4.07058e-49	Chaetothyriales	Herpotrichiellaceae	Cladophialophora bantiana
Colletotrichum acutatum isolate Cacu1 cytochrome o	KP987548	81.22	98.16	4.07058e-49	Glomerellales	Glomerellaceae	Colletotrichum acutatum
Colletotrichum coccodes isolate ND3 cytochrome oxi	KP987547	81.22	98.16	4.07058e-49	Glomerellales	Glomerellaceae	Colletotrichum coccodes
Colletotrichum coccodes isolate ND1 cytochrome oxi	KP987546	81.22	98.16	4.07058e-49	Glomerellales	Glomerellaceae	Colletotrichum coccodes
Colletotrichum acutatum strain KC05 mitochondrion,	KR349346	81.22	98.16	4.07058e-49	Glomerellales	Glomerellaceae	Colletotrichum acutatum
Leohumicola sp. DAOM 239516 cytochrome oxidase sub	EU678468	82.04	94.93	4.07058e-49			Leohumicola sp. DAOM 239516
Myxotrichum deflexum strain UAMH6365 cytochrome ox	EU678467	81.22	98.16	4.07058e-49		Myxotrichaceae	Myxotrichum deflexum
Leohumicola levissima strain HNLHM2 cytochrome -a	EU678419	82.04	94.93	4.07058e-49			Leohumicola levissima
Prionus insularis isolate HA3 cytochrome oxidase s	AF332947	81.22	98.16	4.07058e-49			Prionus insularis
Hirsutella rhossiliensis isolate USA-87-5 mitochon	KU203675	81.13	97.7	1.42077e-48	Coleoptera	Cerambycidae	Hirsutella rhossiliensis
Lecanicillium saksenae mitochondrion, complete gen	KT585676	81.13	97.7	1.42077e-48	Hypocreales	Ophiocordycipitaceae	Lecanicillium saksenae
Uncultured fungus mitochondrial partial cox1 gene	FN640528	81.13	97.7	1.42077e-48	Hypocreales	Cordycipitaceae	uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640499	81.13	97.7	1.42077e-48			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640492	81.13	97.7	1.42077e-48			uncultured fungus
Leohumicola sp. DAOM 230084 cytochrome oxidase sub	EU678455	82.18	93.09	1.42077e-48			Leohumicola sp. DAOM 230084
Mimeoma maculata voucher WICH Wickell 2012 014 cyt	KR028096	80.66	97.7	4.95898e-48	Coleoptera	Scarabaeidae	Mimeoma maculata
Leohumicola minima strain DAOM 232587 cytochrome o	EU678466	81.55	94.93	4.95898e-48			Leohumicola minima
Leohumicola lenta strain DAOM 231149 cytochrome ox	EU678465	81.11	99.08	4.95898e-48			Leohumicola lenta
Leohumicola terminalis strain DAOM 231145 cytochro	EU678464	81.55	94.93	4.95898e-48			Leohumicola terminalis
Leohumicola levissima strain HNLHM41 cytochrome ox	EU678429	81.55	94.93	4.95898e-48			Leohumicola levissima
Colletotrichum chlorophyti isolate AL0 cytochrome	KP987542	80.47	99.08	1.73085e-47	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Neonectria discophora var. discophora strain W7104	JN574874	80.75	98.16	1.73085e-47	Hypocreales	Nectriaceae	Neonectria discophora var. discophora
Neonectria discophora var. discophora strain 5542	JN574860	80.75	98.16	1.73085e-47	Hypocreales	Nectriaceae	Thelonectria discophora var. discophora
Cordyceps militaris isolate CM09-31-28 mitochondri	KP722513	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate V26-16 mitochondrion,	KP722511	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM08 mitochondrion, pa	KP722510	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM05 mitochondrion, pa	KP722509	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM02 mitochondrion, pa	KP722508	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CMB mitochondrion, par	KP722507	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate F03 mitochondrion, par	KP722506	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate F02 mitochondrion, par	KP722505	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM494 mitochondrion, p	KP722504	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM556 mitochondrion, p	KP722503	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM552 mitochondrion, p	KP722502	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM06 mitochondrion, pa	KP722500	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate F01 mitochondrion, par	KP722499	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM07 mitochondrion, pa	KP722498	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CMA mitochondrion, par	KP722497	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate V26-17 mitochondrion,	KP719097	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate CM01 mitochondrion, co	KP719096	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris cytochrome oxidase subunit I (JQ680973	80.66	97.7	6.04127e-47	Hypocreales	Cordycipitaceae	Cordyceps militaris
Fusarium solani mitochondrion, complete genome	JN041209	80.66	97.7	6.04127e-47	Hypocreales	Nectriaceae	Fusarium solani
Peltigera membranacea mitochondrion, complete geno	JN088165	80.66	97.7	6.04127e-47	Peltigerales	Peltigeraceae	Peltigera membranacea
Uncultured fungus mitochondrial partial cox1 gene	FN599608	81.91	91.71	6.04127e-47			uncultured fungus
Monocillium mucidum voucher DAOM 2268470.1 COI gen	FJ501248	80.66	97.7	6.04127e-47			Monocillium mucidum
Fusarium solani voucher DAOM 2356510.1 COI gene, p	FJ501244	80.66	97.7	6.04127e-47	Hypocreales	Nectriaceae	Fusarium solani
Leohumicola verrucosa strain DAOM 239536 cytochrom	EU678454	81.68	93.09	6.04127e-47			Leohumicola verrucosa
Leohumicola incrustata strain DAOM 239498 cytochro	EU678437	81.68	93.09	6.04127e-47			Leohumicola incrustata
Madurella mycetomatis mitochondrion, complete geno	JQ015302	80.28	98.16	2.10861e-46	Sordariales		Madurella mycetomatis
Colobopyga pritchardiae isolate 2 cytochrome oxida	GQ922206	80.28	98.16	2.10861e-46	Hemiptera	Halimococcidae	Colobopyga pritchardiae
Leohumicola levissima strain HNLHM4 cytochrome oxi	EU678422	81.07	94.93	2.10861e-46			Leohumicola levissima
Beauveria malawiensis isolate k89 mitochondrion, c	KT201147	80.19	97.7	7.35978e-46	Hypocreales	Cordycipitaceae	Beauveria malawiensis
Verticillium nonalfalfae mitochondrion, complete g	KR704425	80.19	97.7	7.35978e-46	Glomerellales	Plectosphaerellaceae	Verticillium nonalfalfae
Colletotrichum chlorophyti isolate MS1 cytochrome	KP987545	80	99.08	7.35978e-46	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Colletotrichum chlorophyti isolate IL2A cytochrome	KP987531	80	99.08	7.35978e-46	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Colletotrichum chlorophyti isolate IL1A cytochrome	KP987530	80	99.08	7.35978e-46	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Cordyceps militaris isolate V40-4 mitochondrion, p	KP722512	80.19	97.7	7.35978e-46	Hypocreales	Cordycipitaceae	Cordyceps militaris
Cordyceps militaris isolate V40-5 mitochondrion, p	KP722501	80.19	97.7	7.35978e-46	Hypocreales	Cordycipitaceae	Cordyceps militaris
Verticillium dahliae JR2 chromosome 2, complete se	CP009079	80.19	97.7	7.35978e-46	Glomerellales	Plectosphaerellaceae	Verticillium dahliae JR2
Cordyceps militaris strain EFCC-C2 mitochondrion,	KF432176	80.19	97.7	7.35978e-46	Hypocreales	Cordycipitaceae	Cordyceps militaris
Verticillium albo-atrum VaMs.102 cytochrome-c oxid	XM_003009757	80.19	97.7	7.35978e-46	Glomerellales	Plectosphaerellaceae	Verticillium alfalfae VaMs.102
Uncultured fungus mitochondrial partial mRNA for c	FN600241	80.19	97.7	7.35978e-46			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600204	80.19	97.7	7.35978e-46			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599615	80.19	97.7	7.35978e-46			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599589	80.19	97.7	7.35978e-46			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599554	80.19	97.7	7.35978e-46			uncultured fungus
Metarhizium anisopliae voucher DAOM 2377350.1 COI	FJ501247	80.19	97.7	7.35978e-46	Hypocreales	Clavicipitaceae	Metarhizium anisopliae
Leohumicola verrucosa strain DAOM 231144 cytochrom	EU678459	81.19	93.09	7.35978e-46			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 231141 cytochrom	EU678457	81.19	93.09	7.35978e-46			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 230085 cytochrom	EU678456	81.19	93.09	7.35978e-46			Leohumicola verrucosa
Leohumicola verrucosa strain HNLHM117 cytochrome o	EU678449	81.19	93.09	7.35978e-46			Leohumicola verrucosa
Leohumicola incrustata strain DAOM 239500 cytochro	EU678448	81.19	93.09	7.35978e-46			Leohumicola incrustata
Leohumicola incrustata strain DAOM 239504 cytochro	EU678441	81.19	93.09	7.35978e-46			Leohumicola incrustata
Leohumicola incrustata strain HNLHM91 cytochrome o	EU678439	81.19	93.09	7.35978e-46			Leohumicola incrustata
Leohumicola sp. DAOM 231148 cytochrome oxidase sub	EU678461	80.58	94.93	2.56881e-45			Leohumicola sp. DAOM 231148
Fusarium mangiferae mitochondrion, complete genome	KP742838	79.81	98.16	8.96605e-45	Hypocreales	Nectriaceae	Fusarium mangiferae
Colletotrichum gloeosporioides strain ATCC 58222 c	KP987550	79.53	99.08	8.96605e-45	Glomerellales	Glomerellaceae	Colletotrichum gloeosporioides
Colletotrichum incanum isolate AR3 cytochrome oxid	KP987544	79.81	98.16	8.96605e-45	Glomerellales	Glomerellaceae	Colletotrichum incanum
Glomerella glycines isolate IL27B cytochrome oxida	KP987540	79.53	99.08	8.96605e-45	Glomerellales	Glomerellaceae	Glomerella glycines
Glomerella glycines isolate IL26A cytochrome oxida	KP987539	79.53	99.08	8.96605e-45	Glomerellales	Glomerellaceae	Glomerella glycines
Glomerella glycines isolate IL19A cytochrome oxida	KP987538	79.53	99.08	8.96605e-45	Glomerellales	Glomerellaceae	Glomerella glycines
Glomerella glycines isolate IL18A cytochrome oxida	KP987537	79.53	99.08	8.96605e-45	Glomerellales	Glomerellaceae	Glomerella glycines
Colletotrichum incanum isolate IL9A cytochrome oxi	KP987534	79.81	98.16	8.96605e-45	Glomerellales	Glomerellaceae	Colletotrichum incanum
Colletotrichum incanum isolate IL7A cytochrome oxi	KP987533	79.81	98.16	8.96605e-45	Glomerellales	Glomerellaceae	Colletotrichum incanum
Colletotrichum incanum isolate IL6A cytochrome oxi	KP987532	79.81	98.16	8.96605e-45	Glomerellales	Glomerellaceae	Colletotrichum incanum
Fusarium fujikuroi mitochondrion, partial genome	JX910420	79.81	98.16	8.96605e-45	Hypocreales	Nectriaceae	Fusarium fujikuroi