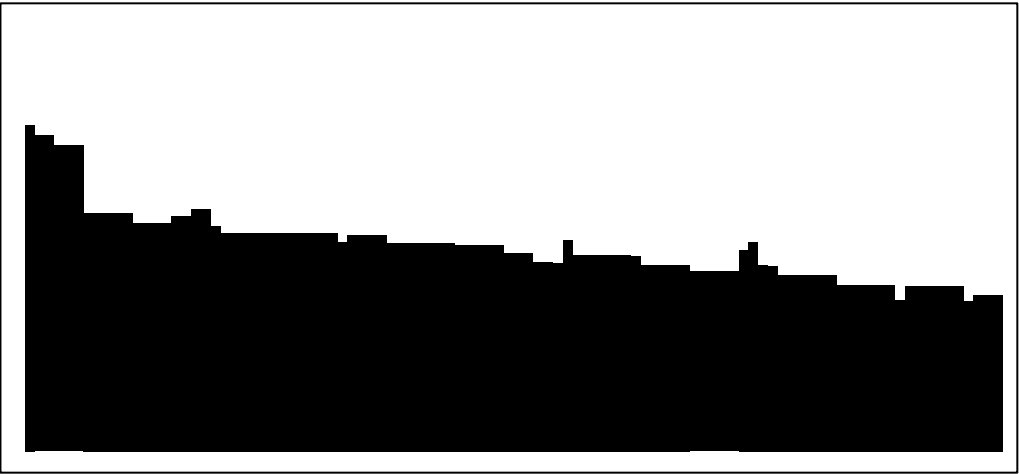


OTU_422;size=319;.csv

Phialocephala europaea

Helotiales

95.28



Phialocephala europaea strain 3_122_3 cytochrome o	JN091450	95.28	97.7	2.7408e-89	Helotiales		Phialocephala europaea
Acephala applanata strain T1_K92_131 cytochrome ox	JN091453	94.81	97.7	1.16542e-87	Helotiales		Acephala applanata
Phialocephala subalpina voucher UAMH:11012 mitocho	JN031566	94.81	97.7	1.16542e-87	Helotiales		Phialocephala subalpina
Phialocephala sp. SA-2014 strain PPE7 cytochrome o	KM042216	94.34	97.7	1.41977e-86	Helotiales		Phialocephala sp. SA-2014
Phialocephala fortinii strain 7_6_7v cytochrome ox	JN091452	94.34	97.7	1.41977e-86	Helotiales		Phialocephala fortinii
Phialocephala helvetica strain 4_153_2 cytochrome	JN091451	94.34	97.7	1.41977e-86	Helotiales		Phialocephala helvetica
Leohumicola minima strain DAOM 232587 cytochrome o	EU678466	91.16	99.08	1.97351e-78			Leohumicola minima
Leohumicola sp. DAOM 231148 cytochrome oxidase sub	EU678461	91.16	99.08	1.97351e-78			Leohumicola sp. DAOM 231148
Leohumicola verrucosa strain DAOM 231142 cytochrom	EU678458	91.16	99.08	1.97351e-78			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 231141 cytochrom	EU678457	91.16	99.08	1.97351e-78			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 239497 cytochrom	EU678418	91.16	99.08	1.97351e-78			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 231144 cytochrom	EU678459	90.7	99.08	2.40423e-77			Leohumicola verrucosa
Leohumicola verrucosa strain DAOM 230085 cytochrom	EU678456	90.7	99.08	2.40423e-77			Leohumicola verrucosa
Leohumicola verrucosa strain HNLHM117 cytochrome o	EU678449	90.7	99.08	2.40423e-77			Leohumicola verrucosa
Leohumicola levissima strain HNLHM2 cytochrome oxi	EU678419	90.7	99.08	2.40423e-77			Leohumicola levissima
Uncultured fungus mitochondrial partial mRNA for c	FN600228	91.04	97.7	8.39157e-77			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600172	91.04	97.7	8.39157e-77			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640540	91.35	95.85	2.92895e-76			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640511	91.35	95.85	2.92895e-76			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600185	90.57	97.7	1.0223e-75			uncultured fungus
Gymnostellatospora sp. Cr1 cytochrome oxidase subu	FJ590567	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Gymnostellatospora sp. Cr1
Pseudogymnoascus roseus isolate Cr26 cytochrome ox	FJ590566	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Pseudogymnoascus roseus
Pseudogymnoascus roseus isolate Cr4 cytochrome oxi	FJ590565	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Pseudogymnoascus roseus
Geomyces pannorum isolate Cr3 cytochrome oxidase s	FJ590564	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Pseudogymnoascus pannorum
Pseudogymnoascus roseus isolate C12 cytochrome oxi	FJ590563	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Pseudogymnoascus roseus
Gymnostellatospora alpina isolate C11 cytochrome o	FJ590562	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Gymnostellatospora alpina
Pseudogymnoascus roseus isolate C1 cytochrome oxid	FJ590560	90.23	99.08	1.0223e-75	Pseudeurotiaceae		Pseudogymnoascus roseus
Leohumicola sp. DAOM 230084 cytochrome oxidase sub	EU678455	90.23	99.08	1.0223e-75			Leohumicola sp. DAOM 230084
Leohumicola verrucosa strain DAOM 239536 cytochrom	EU678454	90.23	99.08	1.0223e-75			Leohumicola verrucosa
Leohumicola atra strain DAOM 239535 cytochrome oxi	EU678450	90.23	99.08	1.0223e-75			Leohumicola atra
Leohumicola levissima strain HNLHM41 cytochrome ox	EU678429	90.23	99.08	1.0223e-75			Leohumicola levissima
Leohumicola atra strain DAOM 239515 cytochrome oxi	EU678425	90.23	99.08	1.0223e-75			Leohumicola atra
Pseudogymnoascus bhattii isolate C10 cytochrome ox	FJ590558	89.81	99.54	3.56819e-75			Pseudogymnoascus bhattii
Arachnida sp. BOLD:ACM9770 voucher BIOUG11746-C06	KR099129	90.14	98.16	1.24542e-74			Arachnida sp. BOLD:ACM9770
Uncultured fungus mitochondrial partial cox1 gene	FN640494	90.14	98.16	1.24542e-74			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600250	90.14	98.16	1.24542e-74			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600241	90.14	98.16	1.24542e-74			uncultured fungus
Pseudogymnoascus sp. BM-2009-4 cytochrome oxidase	FJ590561	89.77	99.08	1.24542e-74	Pseudeurotiaceae		Pseudogymnoascus sp. BM-2009-4
Leohumicola sp. DAOM 239516 cytochrome oxidase sub	EU678468	89.77	99.08	1.24542e-74			Leohumicola sp. DAOM 239516
Leohumicola terminalis strain DAOM 231145 cytochro	EU678464	89.77	99.08	1.24542e-74			Leohumicola terminalis
Leohumicola incrustata strain DAOM 239500 cytochro	EU678448	89.77	99.08	1.24542e-74			Leohumicola incrustata
Leohumicola incrustata strain DAOM 239504 cytochro	EU678441	89.77	99.08	1.24542e-74			Leohumicola incrustata
Leohumicola incrustata strain HNLHM91 cytochrome o	EU678439	89.77	99.08	1.24542e-74			Leohumicola incrustata
Leohumicola levissima strain HNLHM4 cytochrome oxi	EU678422	89.77	99.08	1.24542e-74			Leohumicola levissima
Uncultured fungus mitochondrial partial cox1 gene	FN640542	89.67	98.16	1.51723e-73			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640537	89.67	98.16	1.51723e-73			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599599	89.67	98.16	1.51723e-73			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599574	89.67	98.16	1.51723e-73			uncultured fungus
Tetracladium setigerum strain CCM F-20987 cytochro	EU883408	89.67	98.16	1.51723e-73			Tetracladium setigerum
Leohumicola sp. DAOM 239499 cytochrome oxidase sub	EU678469	89.3	99.08	5.29566e-73			Leohumicola sp. DAOM 239499
Leohumicola incrustata strain DAOM 239498 cytochro	EU678437	89.3	99.08	5.29566e-73			Leohumicola incrustata
Leohumicola incrustata strain DAOM 239517 cytochro	EU678436	89.3	99.08	5.29566e-73			Leohumicola incrustata
Articulospora tetracladia strain CCM F-01877 cytoc	EU998932	88.89	99.54	1.84837e-72	Helotiales	Helotiaceae	Articulospora tetracladia
Articulospora tetracladia strain CCM F-44294 cytoc	EU998931	88.89	99.54	1.84837e-72	Helotiales	Helotiaceae	Articulospora tetracladia
Pseudogymnoascus pannorum strain NN050741 mitochon	KR055655	88.84	99.08	6.45143e-72			Pseudogymnoascus pannorum
Marssonina brunnea f. sp. 'multigermtubi' mitochon	JN204424	89.9	95.85	6.45143e-72	Helotiales	Dermateaceae	Marssonina brunnea f. sp. 'multigermtubi'
Uncultured fungus mitochondrial partial cox1 gene	FN599608	89.2	98.16	6.45143e-72			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599598	89.2	98.16	6.45143e-72			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599593	89.2	98.16	6.45143e-72			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599553	89.2	98.16	6.45143e-72			uncultured fungus
Tetracladium setigerum strain CCM F-10186 cytochro	EU883405	89.2	98.16	6.45143e-72			Tetracladium setigerum
Tetracladium apiense strain CCM F-23299 cytochrome	EU883400	89.2	98.16	6.45143e-72			Tetracladium apiense
Uncultured fungus mitochondrial partial mRNA for c	FN600272	89.15	97.7	2.25177e-71			uncultured fungus
Rhynchosporium orthosporum mitochondrion, complete	KF650574	88.73	98.16	7.85945e-71	Helotiales		Rhynchosporium orthosporum
Uncultured fungus mitochondrial partial mRNA for c	FN600287	88.73	98.16	7.85945e-71			uncultured fungus
Uncultured fungus mitochondrial partial mRNA for c	FN600263	88.73	98.16	7.85945e-71			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599590	88.73	98.16	7.85945e-71			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599552	88.73	98.16	7.85945e-71			uncultured fungus
Articulospora tetracladia strain CCM F-10606 cytoc	EU998936	88.43	99.54	7.85945e-71	Helotiales	Helotiaceae	Articulospora tetracladia
Articulospora tetracladia strain CCM F-10506 cytoc	EU998935	88.43	99.54	7.85945e-71	Helotiales	Helotiaceae	Articulospora tetracladia
Articulospora tetracladia strain CCM F-14298 cytoc	EU998934	88.43	99.54	7.85945e-71	Helotiales	Helotiaceae	Articulospora tetracladia
Articulospora tetracladia strain CCM F-11507 cytoc	EU998933	88.43	99.54	7.85945e-71	Helotiales	Helotiaceae	Articulospora tetracladia
Articulospora tetracladia strain CCM F-10806 cytoc	EU998930	88.43	99.54	7.85945e-71	Helotiales	Helotiaceae	Articulospora tetracladia
Tetracladium furcatum strain CCM F-11883 cytochrom	EU883411	89.42	95.85	7.85945e-71			Tetracladium furcatum
Tetracladium furcatum strain CCM F-06983 cytochrom	EU883404	89.81	94.93	7.85945e-71			Tetracladium furcatum
Tetracladium breve strain CCM F-10501 cytochrome c	EU883397	88.73	98.16	7.85945e-71			Tetracladium breve
Uncultured fungus mitochondrial partial mRNA for c	FN600279	88.68	97.7	2.74322e-70			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640525	88.26	98.16	3.34193e-69			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640508	88.26	98.16	3.34193e-69			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599560	88.26	98.16	3.34193e-69			uncultured fungus
Metarhizium anisopliae voucher DAOM 2377350.1 COI	FJ501247	88.26	98.16	3.34193e-69	Hypocreales	Clavicipitaceae	Metarhizium anisopliae
Tetracladium palmatum strain CCM F-10001 cytochrom	EU883403	88.26	98.16	3.34193e-69			Tetracladium palmatum
Tetracladium marchalianum strain CCM F-26299 cytoc	EU883392	88.26	98.16	3.34193e-69			Tetracladium marchalianum
Rhynchosporium secalis mitochondrion, complete gen	KF650575	87.79	98.16	4.0713e-68	Helotiales		Rhynchosporium secalis
Rhynchosporium commune mitochondrion, complete gen	KF650573	87.79	98.16	4.0713e-68	Helotiales		Rhynchosporium commune
Rhynchosporium agropyri mitochondrion, complete ge	KF650572	87.79	98.16	4.0713e-68	Helotiales		Rhynchosporium agropyri
Cordyceps sp. CUHK CD14-1 culture-collection CUHK:	HM595942	87.79	98.16	4.0713e-68	Hypocreales	Cordycipitaceae	Cordyceps sp. CUHK CD14-1
Uncultured fungus mitochondrial partial mRNA for c	FN600290	87.79	98.16	4.0713e-68			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599589	87.79	98.16	4.0713e-68			uncultured fungus
Cairneyella variabilis isolate VPRI 42388 mitochon	KU168424	87.1	100	1.42102e-67	Helotiales	Helotiaceae	Cairneyella variabilis
Uncultured fungus mitochondrial partial cox1 gene	FN640500	87.74	97.7	1.42102e-67			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599615	87.74	97.7	1.42102e-67			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599605	87.74	97.7	1.42102e-67			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599601	87.74	97.7	1.42102e-67			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599564	87.74	97.7	1.42102e-67			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599557	87.74	97.7	1.42102e-67			uncultured fungus
Colletotrichum chlorophyti isolate AL0 cytochrome	KP987542	87.04	99.54	4.95986e-67	Glomerellales	Glomerellaceae	Colletotrichum chlorophyti
Uncultured fungus mitochondrial partial cox1 gene	FN640520	87.32	98.16	1.73116e-66			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN640498	87.32	98.16	1.73116e-66			uncultured fungus
Uncultured fungus mitochondrial partial cox1 gene	FN599610	87.32	98.16	1.73116e-66			uncultured fungus