

Supplementary Table S1. Set of XIP sequences.

Taxonomic phyla [Phyla number]	fungal organism	User name for this work	Protein Id	Web resource
Pucciniomycotina [I]	<i>Cronartium comandrae</i>	Corcol	596144	JGI
	<i>Cronartium harknessii</i>	Corhal013	JAVIAN010000007.1	NCBI
		Corhal008	JAVIAN010000013.1	NCBI
	<i>Cronartium quercuum</i> f. sp. <i>Fusiforme</i>	Croqu845I	649845	JGI
		Croqu6585I	684658	JGI
	<i>Cronartium ribicola</i>	Crori133I	AWVX01018133.1	NCBI
		Crori064I	AWVX01056064.1	NCBI
	<i>Cronartium ribicola</i> Cypress	Crocy129I	1044129	JGI
		Crocy696I	819696	JGI
	<i>Melampsora aecidioides</i>	Melael	MWRI01041652.1	NCBI
	<i>Melampsora abietis canadensis</i>	Melab479I	MWRH01003479.1	NCBI
		Melab876I	MWRH01021876.1	NCBI
	<i>Melampsora allii populina</i>	Melal142I	1308142	JGI
		Melal459I	1815459	JGI
	<i>Melampsora americana</i>	Melam101I	1054101	JGI
		Melam562I	410562	JGI
	<i>Melampsora x columbiana</i> Clatskanie	Melco417I	551417	JGI
		Melco202I	712202	JGI
	<i>Melampsora laricis</i>	Mella062I	1794062	JGI
		Mella798I	1814798	JGI
	<i>Melampsora lini</i>	Melli368I	212368	JGI
		Melli536I	201536	JGI
	<i>Melampsora medusae deltoideae</i>	Melde443I	887443	JGI
		Melde642I	757642	JGI
	<i>Melampsora medusae tremuloidae</i>	Meltr181I	1061181	JGI
		Meltr185I	1119185	JGI
	<i>Melampsora occidentalis</i>	Meloc843I	MWRL01005843.1	NCBI
		Meloc257I	MWRL01023257.1	NCBI
	<i>Phakopsora pachyrhizi</i>	Phapa268I	6634268	JGI
		Phapa251I	8686251	JGI
	<i>Puccinia coronata avenae</i>	Puccol	PGCI01000008.1	NCBI
	<i>Puccinia graminis</i> f. sp. <i>Tritici</i>	PucgrI	PGTT_08211	JGI
	<i>Puccinia hordei</i>	Puchol	RDRW01000216.1	NCBI
	<i>Puccinia sorghi</i>	Pucsol	LAVV01012517.1	NCBI
	<i>Puccinia striiformis</i> f. sp. <i>Tritici</i>	PucstI	PELB01000609.1	NCBI
	<i>Puccinia triticina</i>	Puctrl	AZRP01004910.1	NCBI
	<i>Uromyces appendiculatus</i>	Uroapl	GACI01002254.1	NCBI
	<i>Uromyces viciae fabae</i>	Urovil	JNCO01016183.1	NCBI
Agaricomycetes [III]	<i>Botryobasidium botryosum</i>	BotbolIII	AYEP01000646.1	NCBI
	<i>Ceratobasidium anastomosis</i>	CeranIII	153017	JGI
	<i>Ceratobasidium</i> sp.	CerspIII	1268080	JGI
	<i>Flagelloscypha</i> sp.	FlaspIII	1517871	JGI
	<i>Mycena alexandri</i>	MycalIII	1170102	JGI
	<i>Mycena filipes</i>	MycfiIII	1227459	JGI
	<i>Mycena leptocephala</i>	MycleIII	2158262	NCBI
	<i>Mycena metata</i>	MycmeIII	1316736	NCBI
	<i>Mycena polygramma</i>	MycopIII	1315397	NCBI
	<i>Mycena vitilis</i>	MycviIII	985602	JGI
	<i>Piloderma byssinum</i>	PilbyIII	340448	JGI
	<i>Piloderma croceum</i>	Pilcr880III	JMDN01001880.1	JGI
	<i>Piloderma croceum</i>	Pilcr057III	JMDN01001057.1	NCBI
	<i>Piloderma olivaceum</i>	PilolIII	571376	JGI
	<i>Piloderma sphaerosporum</i>	PilspIII	867689	JGI
	<i>Ramariopsis corniculata</i>	RamcolIII	CAYFCV010000012.1	NCBI
	<i>Rhizoctonia solani</i>	RhisolIII	g3936.t1	JGI
	<i>Stereum hirsutum</i>	StehiIII	169569	JGI
	<i>Thanatephorus cucumeris</i>	ThaculIII	fgenes1_pg.1_#_258	NCBI
	<i>Thelephora ganbajun</i>	ThegalIII	3168519	JGI
	<i>Thelephora terrestris</i>	ThetelIII	1106481	JGI
	<i>Tricholoma saponaceum</i>	TrisaX	QLOJ01013304.1	NCBI
	<i>Tricholoma</i> sp.	TrispX	QMFE01024132.1	NCBI
	<i>Tulasnella</i> sp. 419	Tulsp419III	1510334	JGI
	<i>Tulasnella</i> sp. 425	Tulsp425III	1898559	JGI
	<i>Tulasnella</i> sp. 427	Tulsp427III	465444	JGI
	<i>Tulasnella calospora</i>	TulcalIII	21817	JGI

Dacrymycetes [IV]	Dacryonaema rufum	DacruIV	2420693	NCBI
	Unilacryma unispora	UniuIV	958340	JGI
Tremellomycetes [V]	Apiotrichum porosum	ApipoV	NW_021167125.1	NCBI
	Cryptococcus sp.	CryspV	BCLC01000005.1	NCBI
	Cryptococcus terricola	CryteV	810440	NCBI
	Fellomyces penicillatus	FelpeV	277600	JGI
	Goffeauzyma gilvescens	GofgiV	JANGF010000446.1	JGI
	Saitozyma podzolica	SaipoV	RSCD01000014.1	NCBI
	Saitozyma sp.	SaispV	BCLC01000005.1	NCBI
	Solicoccozyma terricola	SolteV	MATT01000344.1	NCBI
	Trichosporon asahii var. asahii	TriasV	CBS 2479 EJTS1195	JGI
	Trichosporon brassicae	TribrV	BCJ01000006.1	NCBI
	Trichosporon chiarellii	TrichV	55848	JGI
	Trichosporon coremiiforme	TricoV	JXYL01000023.1	NCBI
	Trichosporon faecale	TrifaV	JXYK01000002.1	NCBI
	Trichosporon guehoae	TriguV	BCJX01000001.1	NCBI
	Trichosporon laibachii	TrilaV	BCKV01000001.1	NCBI
	Trichosporon montevidense	TrimoV	BCFV01000004.1	NCBI
	Vanrija humicola	VanhuV	BCJF01000001.1	NCBI
Pezizomycetes [VIII]	Choiromyces venosus	ChoveVII	PZQU01000748.1	NCBI
	Discina gigas	DisgiVII	JBBBZM010000119.1	NCBI
	Gyromitra antarctica	Gyran137VII	JBALZX010000137.1	NCBI
		Gyran195VII	JBALZX010000195.1	NCBI
	Gyromitra esculenta	Gyres632VII	550632	JGI
		Gyres966VII	517966	JGI
	Gyromitra infula	Gyrin829VII	926829	JGI
	Gyromitra sichuanensis	Gyrsi216VII	JBALYS010000216.1	NCBI
		Gyrin200VII	910200	JGI
		Gyrsi043VII	JBALYS010000043.1	NCBI
	Gyromitra splendida	Gyrsp166VII	JBALYC010001166.1	NCBI
	Gyromitra sp9	Gyrsp290VII	JBALXX010000290.1	NCBI
		Gyrsp1012VII	JBAMAE010000012.1	NCBI
		Gyrsp243VII	JBALXX010000243.1	NCBI
	Gyromitra venenata	Gyrven059VII	JBALZH010000059.1	NCBI
		Gyrven011VII	JBALZR010000011.1	NCBI
	Hydnотrya bailii	HydbaVII	JBALYF010003432.1	NCBI
	Hydnотrya cerebriformis	HydceVII	JBALZS010000607.1	NCBI
	Hydnотrya cubispora	HydcuVII	JBALZY010000715.1	NCBI
	Hydnотrya tulasnei	HydtuVII	JBALYD010000069.1	NCBI
	Hydnотrya variiformis	HydvaVII	JBALZC010001212.1	NCBI
	Hydnотrya sp.1	Hydsp1VII	JBALZE010000688.1	NCBI
	Hydnотrya sp.2	Hydsp2VII	JBALZD010000422.1	NCBI
	Hydnотrya sp.2	Hydsp3VII	JBALYM010000116.1	NCBI
	Kalapuya brunnea	KalbrVII	881142	JGI
	Leucangium carthusianum	LeucaVII	1021319	JGI
	Marcelleina donadinii	MardoVII	JBALXU010000144.1	NCBI
	Tuber aestivum	TubaeVII	CZPRO1005160.1	NCBI
	Tuber borchii	TubboVII	1043958	JGI
	Tuber brumale	TubbrVII	JACCEG010000078.1	NCBI
	Tuber calosporum	TubcalVII	QFETO1012817.1	NCBI
	Tuber canaliculatum	TubcanVII	892231	NCBI
	Tuber gibbosum	TubgiVII	1119262	NCBI
	Tuber indicum	TubinVII	587124	NCBI
	Tuber magnatum	TubmaVII	PYWCO1000076.1	NCBI
	Tuber melanosporum	TubmelVII	1698	JGI
	Tuber mesentericum	TubmesVII	3585653	JGI
	Tuber microsphaerosporum	TubmiVII	QOVD01009807.1	NCBI
	Tuber umbilicatum	TubumVII	QLOI01000906.1	NCBI
	Verpa bohemica	VerboVII	JAMGYS010000008.1	NCBI
	Verpa conica	VercoVII	329707	JGI

Orbiliomycetes [VIII]	Arthrobotrys conoides	ArtcoVIII	JAVHJM010000005.1	NCBI
	Arthrobotrys flagrans	ArtfvVIII	SAEB01000003.1	NCBI
	Arthrobotrys entomopaga	ArtenVIII	LDDX01000196.1	NCBI
	Arthrobotrys iridis	ArtirVIII	JAJTTS010000008.1	NCBI
	Arthrobotrys megalospora	ArtmeVIII	JAVHJN010000010.1	NCBI
	Arthrobotrys oligospora	ArtolVIII	EGX52763	NCBI
	Arthrobotrys sinensis	ArtsiVIII	JAJTTV010000007.1	NCBI
	Dactylellina cionopaga	DactciVIII	LDUC01000099.1	NCBI
	Dactylellina haptotyla	DacthaVIII	AQGS010000918	NCBI
	Duddingtonia flagrans	DudfvVIII	SAEB01000003.1	NCBI
	Monacrosporium haptotylum	MonhaVIII	9646	NCBI
	Orbilia ellipospora	OrbelVIII	JAVHJO010000012.1	NCBI
	Orbilia oligospora	OrbolVIII	JAABOJ010000004.1	NCBI
	Arthrocladium fulminans	ArtfulX	QXWJ01000009.1	NCBI
	Aspergillus acidus	AspacIX	338208	JGI
	Aspergillus aculeatus	Aspacu958IX	63958	JGI
		Aspacu679IX	64679	JGI
		Aspacu287IX	44287	JGI
	Aspergillus brasiliensis	AspbraIX	56152	JGI
	Aspergillus brunneoviolaceus	AspbrulX	390164	JGI
	Aspergillus carbonarius	AspcalX	696296	JGI
	Aspergillus clavatus	AspclIX	AAKD03000041.1	NCBI
	Aspergillus costaricensis	AspcolX	220245	JGI
	Aspergillus eucalypticola	AspeulX	341370	JGI
	Aspergillus fijiensis	AspfilX	460023	JGI
	Aspergillus flavus	Aspfi016IX	AAIH02000016.1	NCBI
		Aspfi095IX	AAIH02000095.1	NCBI
		Aspfi540IX	AAIH02000540.1	NCBI
	Aspergillus glaucus	AspglIX	10188	JGI
	Aspergillus heteromorphus	AspheIX	160118	JGI
	Aspergillus homomorphus	AspholIX	440013	JGI
	Aspergillus ibericus	AspibIX	445835	JGI
	Aspergillus japonicus	AspjaIX	386949	JGI
	Aspergillus kawachii	AspkalX	GAA90923.1	NCBI
	Aspergillus lacticoffeatus	AsplalX	194256	JGI
	Aspergillus luchuensis	AsplulX	BCWF01000040.1	NCBI
	Aspergillus neoniger	AspneIX	52126	JGI
	Aspergillus niger	Aspni015IX	ACJE01000015.1	NCBI
		Aspni003IX	ACJE01000003.1	NCBI
	Aspergillus ochraceoroseus	AspoclX	3504	JGI
	Aspergillus orizae	Aspor602IX	AKXN01000602.1	NCBI
		Aspor395IX	AKXN01000365.1	NCBI
	Aspergillus parasiticus	AsppalX	JMUG01001154.1	NCBI
	Aspergillus phoenicis	AspphIX	190043	JGI
	Aspergillus piperis	AsppilX	150028	JGI
	Aspergillus saccharolyticus	AspsalX	18238	JGI
	Aspergillus Sclerotii carbonarius	Aspsc219IX	14219	JGI
	Aspergillus sclerotioniger	Aspsc798IX	10798	JGI
	Aspergillus steynii	AspstIX	10121	JGI
	Aspergillus sydowii	AspsylX	11556	JGI
	Aspergillus terreus	Aspte055IX	AAJN01000055.1	NCBI
		Aspte140IX	AAJN01000140.1	NCBI
	Aspergillus tubingensis	Asptu957IX	13957	JGI
		Asptu6547IX	60654	JGI
	Aspergillus uvarum	AspuvIX	100080	JGI
	Aspergillus vadensis	AspvalX	10190	JGI
	Aspergillus versicolor	Aspve917IX	12917	JGI
		Aspve116IX	36116	JGI
	Aspergillus violaceofuscus	AspvilX	11196	JGI
	Aspergillus wentii	AspwelX	10022	JGI
	Aspergillus zonatus	AspzolIX	16031	JGI
	Byssochlamys nivea	BysniiX	QEIL01000087.1	NCBI
	Byssochlamys spectabilis	BysspelX	56744	JGI
	Byssochlamys sp	ByssplX	PNEM01000009.1	NCBI
	Capronia coronata	CapcolX	XM_007725951.1	NCBI
	Capronia epimyces	CapeplX	XM_007734026.1	NCBI
	Capronia fungicola	CapfulX	MIX6013_71_62	NCBI
	Capronia semiimmersa	CapselX	PV04_07780T0	JGI
	Chaetothyriales sp.	Chasp022IX	JADCQX010000022.1	NCBI
	Chaetothyriales sp.	Chasp769IX	896769	JGI
	Cladophialophora bantiana	ClabalX	Z519_07118T0	JGI
	Cladophialophora carrionii	Claca022IX	AOFF01000022.1	NCBI
		Claca032IX	AOFF01000032.1	NCBI
	Cladophialophora exuberans	ClaelxIX	JANSVK010000039.1	NCBI
	Cladophialophora immunda	ClaimIX	PV07_11521T0	JGI
	Cladophialophora psammophila	ClapsIX	XM_007743202.1	NCBI
	Cladophialophora yegresii	Claye324IX	XM_007761324.1	NCBI
		Claye003IX	AMGW01000003.1	NCBI
	Cyphelophora europaea	Cypeu401IX	XM_008722401.1	NCBI

Eurotiomycetes [IX]

	Cypeu698IX	JADCRJ010001698.1	NCBI
Dactylospora haliotrepha	DachalX	739116	NCBI
Elaphomyces granulatus	Elagr381IX	NPHW01004381.1	NCBI
	Elagr383IX	NPHW01004383.1	NCBI
Emergomyces orientalis	EmeorIX	MOWL01000049.1	NCBI
Epibryaceae sp.	EpisplX	73892	NCBI
Eurotiomycetes sp.	Eursp049IX	PQME02000049.1	NCBI
Eurotiomycetes sp.	Eursp167IX	PQMF01000167.1	NCBI
Eurotiomycetes sp.	Eursp047IX	PCFI01000047.1	NCBI
Eurotium herbariorum	EurhelX	LSTL01000174.1	JGI
Eurotium rubrum	EurrulX	385652	JGI
Exophiala alcalophila	ExoallX	CE43538_4773	JGI
Exophiala aquamarina	ExoaqlX	AMGV01000003	NCBI
Exophiala bonariae	ExobolX	JAVRRD010000008.1	NCBI
Exophiala calicioides	ExocalX	BCHZ01000008.1	NCBI
Exophiala mesophila	ExomeIX	JSEI01000038.1	NCBI
Exophiala oligosperma	ExoollX	PV06_00344T0	JGI
Exophiala sideris	ExosilX	PV11_01447T0	JGI
Exophiala sp1	Exosp008IX	BCHZ01000008.1	NCBI
Exophiala sp2	Exosp005IX	JALDXI010000005.1	NCBI
Exophiala spinifera	ExospiIX	PV08_04213T0	JGI
Exophiala viscosa	ExovilX	622960	JGI
Exophiala xenobiotica	ExoxelX	PV05_04699T0	JGI
Floridaphiala radiotolerans	FloralX	JAKLMZ010000026.1	JGI
Fonsecaea erecta	FonerIX	LVYI01000002.1	NCBI
Fonsecaea monophora	FonmolX	AYO21_05312T0	JGI
Fonsecaea multimorphosa	FonmulX	Z520_00061T0	JGI
Fonsecaea nubica	FonnuIX	AYO20_09531T0	JGI
Fonsecaea pedrosoi	FonpelX	Z517_02914T0	JGI
Fonsecaea pugnacius	FonpulX	WJFF01000172.1	NCBI
Gymnascella aurantiaca	GymaulX	147511	JGI
Helicocarpus griseus	HelgrIX	PDNB01000140.1	NCBI
Incumbomyces delicatus	IncdelX	JACJVS010000009.1	NCBI
Incumbomyces lentus	IncleIX	JACJVT010000004.1	NCBI
Knufia fluminis	KnufliX	JAKLMC010000001.1	NCBI
Knufia peltigerae	KnupelX	JAPDRN010000001.1	NCBI
Knufia sp.	KnusplX	JAPDRQ010000056.1	NCBI
Monascus purpureus	MonpulX	490511	JGI
Monascus ruber	MonrulX	477925	JGI
Paecilomyces dactylethromorphus	PaedalX	JAPVCF010000017.1	NCBI
Paecilomyces niveus	PaenilX	77609	JGI
Penicillium zonata	PenzolX	NW_019208919.1	NCBI
Penicillium antarcticum	PenanIX	PENANT_c009G02731T0	JGI
Penicillium aurantiogriseum	PenaulX	ALJY01003980.1	NCBI
Penicillium bilaiae	PenbilX	fgenes1_pg.C_1_t20192	NCBI
Penicillium brasilianum	PenbralX	LJBN01000112.1	NCBI
Penicillium brevicompactum	PenbrelX	Genemark1.C_4_t10182	JGI
Penicillium camemberti	PencalX	CBVV010000374.1	NCBI
Penicillium chrysogenum	PenchiX	XP_002562918.1	NCBI
Penicillium citrinum	PencilX	BCKA01000003.1	NCBI
Penicillium expansum	PenexIX	CE115384_246	JGI
Penicillium fellutanum	PenfelX	Genemark1.C_4_t10005	JGI
Penicillium freii	PenfriX	LLXE01000016.1	NCBI
Penicillium glabrum	PengliX	fgenes1_pg.C_2_t30110	JGI
Penicillium janthinellum	PenjalX	CE143691_1747	JGI
Penicillium lanosocoeruleum	PenlalX	gm1.7745_g	JGI
Penicillium marneffeii	PenmalX	XP_002149425.1	NCBI
Penicillium nalgiovense	PennalX	PENNAL_c0011G07886T0	JGI
Penicillium nordicum	PennolX	JNNR01000805.1	NCBI
Penicillium occitanis	PenoclX	NPFJ01000207.1	NCBI
Penicillium paxilli	PenpalX	gb AOTG01000150.1	NCBI
Penicillium raistrickii	PenralX	CE131021_3024	JGI
Penicillium sclerotiorum	PensciX	MJCA01000203.1	NCBI
Penicillium solitum	PensoIX	PENSOL_c012G07629T0	JGI
Penicillium steckii	PenstiX	PENSTE_c004G07697T0	JGI
Penicillium swieckii	PenswlX	Genewise1Plus.C_510066	JGI
Penicillium thymicola	PenthIX	e_gw1.63.2.1	JGI
Phaeomoniliellales sp.	PhasplX	ih1_kg.11_#_64_#_TRINITY_DN6555_c0.	NCBI
Phialophora attae (CBS 131958 strain)	Phiat521IX	5521	JGI
Phialophora attae (AB675_9106 strain)	Phiat614IX	XM_018149614.1	NCBI
Phialophora americana	PhiamIX	JYCC01000047.1	NCBI
Phialophora attinorum	PhiatIX	LFJN01000009.1	NCBI
Phialophora chinensis	PhichiX	JADWPV010000024.1	NCBI
Phialophora expanda	PhiexIX	JADWPR010000004.1	NCBI
Phialophora macrospora	PhimalX	JYCC01000047.1	NCBI
Phialophora tarda	PhitalX	JADWPL010000007.1	NCBI
Phialophora verrucosa	PhivelX	MSED01000002.1	NCBI
Polytolypa hystricis	PolhyIX	PDNA01000007.1	NCBI
Rhinocladiella mackenziei	RhimalX	XM_013413496.1	NCBI

Rhinocladiella similis	RhisilX	JAMRYE010000010.1	NCBI
Talaromyces aculeatus	TalacIX	439497	JGI
Talaromyces adpressus	TaladIX	NHZS01000476.1	NCBI
Talaromyces amestolkiae	TalamiX	MIKG01000012.1	JGI
Talaromyces cellulolyticus	TalcelX	BBPS01000035.1	JGI
Talaromyces funiculosus	TalfuiX	JAMADO010000012.1	NCBI
Talaromyces liani	TalliX	JAKLNL010000007.1	NCBI
Talaromyces marneffe	TalmaiX	JPOX01000023.1	JGI
Talaromyces proteolyticus	TalpriX	Genewise1.C_10_t30436	JGI
Talaromyces purpureogenus	TalpulX	LIAB01000861.1	JGI
Talaromyces sp.	TalsplX	68547	NCBI
Talaromyces stipitatus	TalstiX	XM_002484703.1	NCBI
Talaromyces verruculosus	TalveiX	LHCL01000025.1	NCBI
Thermomyces stellatus	Thest136IX	JBAGCR010000136.1	NCBI
	Thest038IX	JBAGCR010000038.1	NCBI
Aaosphaeria arxii	AaoarX	462612	JGI
Aaosphaeria pasadenensis	AaopaX	JAKLMB010000013.1	JGI
Acrocalymma vagum	AcrvaX	JAQGE010000050.1	NCBI
Amniculicola lignicola	AmnliX	461298	JGI
Aquilomyces patris	AqupaX	gm1.14986_g	JGI
Aureobasidium melanogenum	AurmeX	JAHFYE010000001.1	NCBI
Baudoinia compniacensis	BaucoX	107398	JGI
Baudoinia panamericana	Baupa011X	AEIF01000011.1	NCBI
	Baupa591X	JADCRE010002591.1	NCBI
	Baupa791X	JADCRF010000791.1	NCBI
Beverwykella pulmonaria	BevpuX	BCHH01000021.1	NCBI
Bimuria novae-zelandiae	BimnzX	474745	JGI
Bipolaris bicolor	BipbiX	JAODYD010000014.1	NCBI
Bipolaris cookei	BipcoX	NRSV01000083.1	NCBI
Bipolaris sorokiniana	BipsoX	RCTM01000002.1	NCBI
Bipolaris victoriae	BipviX	AMCY02000014.1	NCBI
Bipolaris zeicola	BipzeX	AMCN01000071.1	NCBI
Cenococcum geophilum	CengeX	CE86733_2252	JGI
Cladosporium sphaerospermum	ClasphX	AIIA02000467.1	NCBI
Cladosporium sp.	ClaspX	PEGC01000012.1	NCBI
Clohesyomyces aquaticus	CloaqX	495163	JGI
Cochliobolus carbonum	CoccaX	51209	JGI
Cochliobolus heterostrophus	CocheX	AIHU01000206.1	NCBI
Cochliobolus lunatus	CocluX	48044	JGI
Cochliobolus miyabeanus	CocmiX	30348	JGI
Cochliobolus sativus	CocsaX	194140	JGI
Cochliobolus victoriae	CocviX	AMCY01000045.1	NCBI
Corynespora cassicola	CorcaX	675870	JGI
Cucurbitaria berberidis	CucbeX	394415	JGI
Curvularia eragrostidis	CurerX	JAIRCK010000004.1	NCBI
Curvularia geniculata	CurgeX	PQMW01000043.1	NCBI
Curvularia hawaiiensis	CurhaX	JAODYC010000020.1	NCBI
Curvularia lunata	CurluX	JFHG01002021.1	NCBI
Curvularia papendorfii	CurpaX	JXCC01000129.1	NCBI
Curvularia spicifera	CurspiX	JAODYB010000001.1	NCBI
Curvularia sp.	CurspX	JPSZ01000004.1	NCBI
Darksidea phi	DarphX	JASJFT010000186.1	JGI
Dendryphon nanum	DennaX	130204	JGI
Didymosphaeria enalia	DidenX	JAAEIZ010000236.1	NCBI
Didymocrea sadasivanii	DidsaX	515608	JGI
Diplodia pinea	DippiX	JHUM01000697.1	NCBI
Diplodia seriata	DipseX	MSZU01000074.1	NCBI
Elsinoe ampelina	ElsamX	223221	JGI
Elsinoe arachidis	ElsarX	JAAPAX010000007.1	NCBI
Elsinoe australis	ElsauX	NHZQ01000419.1	NCBI
Elsinoe batatas	ElsbaX	JARDAA010000044.1	NCBI
Elsinoe fawcettii	ElsfaX	WLYZ01000002.1	NCBI
Elsinoe necatrix	ElsneX	JANZYI010000007.1	NCBI
Elsinoe perseae	ElspeX	JAESVG020000004.1	NCBI
Eremomyces bilateralis	ErebiX	410647	JGI
Exserohilum rostratum	ExsroX	JAHALU010000013.1	NCBI
Exserohilum turcica	ExstuX	AIHT01001306.1	NCBI
Friedmanniomyces endolithicus	FrienX	JASUXR010000069.1	NCBI
Friedmanniomyces simplex	FrisiX	JASUXR010000069.1	NCBI
Gloniopsis sp.	GlospX	h1_kg_23_#_323_#.TRINITY_DN3912_c0	NCBI
Glonium stellatum	Glost212X	LKAO01004212.1	NCBI
	Glost555X	e_gw1.9555.9.1	JGI
Herpotrichia sp.	Hersp482X	543482	JGI
Herpotrichiellaceae sp3F	Hersp678X	507678	JGI
Herpotrichiellaceae sp7F	Hersp404X	646404	JGI
Herpotrichiellaceae sp	Hersp63X	fgenes11_pm_32_#_63	JGI
Jahnula aquatica	JahaqX	443455	JGI
Lasiodiplodia theobromae	LasthX	MDYX01000001.1	NCBI
Lecanosticta acicola	LecacX	AWYC01003362.1	NCBI

Dothideomycetes [X]

Lentithecium fluvatile	LenflX	CE152864_129	JGI
Lepidopterella palustris	LeppaX	362984	JGI
Leptosphaerulina australis	LepauX	JALRMI010001279.1	NCBI
Leptoxyphium fumago	LepfuX	LSHF01000008.1	NCBI
Lophiostoma macrostomum	Lopma012X	JAAGLC010000012.1	NCBI
Lophiotrema macrostomum	Lopma475X	620475	JGI
Lophiotrema nucula	LopnuX	642863	JGI
Lophium mytilinum	LopmyX	CE21995_2882	JGI
Massariosphaeria phaeospora	MasphX	586036	JGI
Melanomma pulvis-pyrius	MelpuX	1840047	JGI
Microthyrium microscopicum	MicmiX	456654	NCBI
Mycosphaerella fijiensis	MycfiX	XM_007926717.1	JGI
Myrangiaceae sp.	MyrspX	268091	JGI
Myriangium duriaei	Myrdu719X	253719	JGI
	Myrdu250X	315250	JGI
Mytiliniidiaceae sp.	MytspX	662304	JGI
Mytilinidion resinicola	MytreX	404319	JGI
Nigrograna mackinnonii	NigmaX	JGVQ01000072.1	NCBI
Nothophaeocryptopus gaeumannii	Notga905X	MWSP01000905.1	NCBI
	Notga062X	MWSP01000062.1	NCBI
Ochroconis constricta	OchcoX	AZYM01000081.1	NCBI
Ophiobolus disseminans	OphdiX	446023	JGI
Ophiosphaerella herpotricha	OphheX	JALNQK010000009.1	NCBI
Ophiosphaerella korrae	OphkoX	JALNQF010000090.1	NCBI
Ophiosphaerella narmari	OphnaX	JALNQB010000002.1	NCBI
Paracamarosporium sp.	ParspX	JACVRA010000128.1	NCBI
Pallidocercospora crystallina	Palcr108X	QQNG01000108.1	NCBI
Pallidocercospora crystallina	Palcr044X	QQNG01000044.1	NCBI
Paraconiothyrium sporulosum	ParspoX	1208779	JGI
Parafenestella ontariensis	ParonX	JAKGDA010000024.1	NCBI
Paraphaeosphaeria sporulosa	ParaspoX	NW_017253369.1	NCBI
Paraphoma chrysanthemicola MPI_GEGE	Parch062X	40062	JGI
Paraphoma chrysanthemicola MPI_SDFR	Parch241X	578241	JGI
Paraphoma sp.	ParapspX	BCLK01000150.1	NCBI
Peltaster fructicola	PelfrX	QJW97353.1	NCBI
Periconia digitata	PerdiX	CAOQHR010000002.1	JGI
Periconia macrospinosa	PermaX	654005	NCBI
Periconia sp.	PerspX	JASNQO010000030.1	NCBI
Phaeosphaeria sp.	PhaspX	JAGTJN010000002.1	NCBI
Phaeosphaeriaceae sp.	PhaespX	CE412503_528	JGI
Phaeosphaeria poagena	PhapoX	sh1_kg.2_#_700_#_TRINITY_DN4583_c1_	JGI
Pleosporaceae sp.	Plesp002X	JAGTJN010000002.1	NCBI
Pleosporales sp.	Plesp716X	AJMS01006716.1	NCBI
Pleosporineae sp.	Plesp068X	CALMRN010000068.1	NCBI
Polychaeton citri	Polci047X	304047	JGI
	Polci070X	308070	JGI
Polyplosphaeria fusca	PolfuX	CE250808_778	JGI
Preussia sp.	PrespX	LJJI01000212.1	NCBI
Pseudocercospora cruenta	PsecruX	JAASFE010000791.1	NCBI
Pseudocercospora crystallina	PsecryX	QQNG01000108.1	NCBI
Pseudocercospora fijiensis	PsefiX	AIHZ01000223.1	NCBI
Pseudocercospora fuligena	PsefuX	JABCIY010000235.1	NCBI
Pseudocercospora macadamiae	PsemaX	JABCIY010000235.1	NCBI
Pseudocercospora pini-densiflorae	PsepiX	AWYD01006552.1	NCBI
Pseudomonodictys sp.	PsespX	JAFHBV010000158.1	NCBI
Pseudopyrenochaeta lycopersici	PselyX	NHZP01000016.1	NCBI
Pyrenochaeta sp.	PyrspX	ASRS01005673.1	NCBI
Pyrenochaeta inflorescentiae	PyrinX	206982	JGI
Pyrenochaeta lycopersici	PyrlyX	h1_kg.9_#_315_#_TRINITY_DN6511_c0_	JGI
Rachicladosporium sp.	RacanX	NAEU01000674.1	NCBI
Rachicladosporium antarcticum	RacspX	NAJO01000026.1	NCBI
Racodium therryanum	RacthX	BLYF01000118.1	NCBI
Ramichloridium luteum	RamluX	MTSCO1000074.1	NCBI

	Recurvomyces mirabilis	RecmiX	XM_064841355.1	NCBI
	Rhizodiscina lignyota	Rhili585X	72585	JGI
		Rhili008X	JAADK0010000008.1	NCBI
	Rhytidhysterion rufulum	RhyruX	4577	JGI
	Septoria populicola	SeppoX	42516	JGI
	Setomelanomma holmii	SethoX	JAADKM010000054.1	NCBI
	Setosphaeria turcica	SettuX	1074264	JGI
	Setophoma terrestris	SetteX	Genewise1.C_2_t30018	JGI
	Sphaceloma murrayae	SphmuX	NKHZ01000012.1	NCBI
	Sphaerulina populicola	SphpoX	AIDU01002179.1	NCBI
	Stagonospora sp.	StaspX	246360	JGI
	Stomiopeltis betulae	StobeX	e_gw1.15.186.1	JGI
	Teratosphaeriaceae_sp	TerspX	gm1.2473_g	JGI
	Tothia fuscella	TotfuX	JAAEJU010000114.1	JGI
	Trematosphaeria pertusa	TrepeX	570037	JGI
	Trichodelitschia bisorula	TribiX	557937	JGI
	Trypethelium eluteriae	TryelX	JAGFMJ010000059.1	NCBI
	Venturia asperata	VenasX	QWWM01000051.1	NCBI
	Venturia aucupariae	VenauX	QWZN01000177.1	NCBI
	Venturia carpophila	VencaX	MECS01000010.1	NCBI
	Venturia inaequalis	VeninX	QWZIO1002212.1	JGI
	Venturia nashicola	VennaX	SNSD01000002.1	NCBI
	Venturia populina	VenpoX	Genemark4.C_250024	NCBI
	Venturia pyrina	VenpyX	JEMP01000097.1	NCBI
	Verruconis gallopava	VergaX	124894	JGI
	Verruconis sp.	VerspX	SCGS01002764.1	NCBI
	Verruculina enalia	VerenX	615407	JGI
	Viridothelium virens	VirviX	JAAEIX010000043.1	JGI
	Xanthoria parietina	XanpaX	CAZZRP010004709.1	NCBI
	Zalaria obscura	ZalobX	JAKLMX010000004.1	NCBI
	Zalaria sp.	ZalspX	BPUN01000007.1	NCBI
	Zasmidium angulare	Zasan016X	NHNX01000016.1	NCBI
		Zasan007X	NHNX01000007.1	NCBI
	Zasmidium cellare	Zasce658X	71658	JGI
		Zasce994X	66994	JGI
	Zasmidium citrigriseum	Zasci044X	NHNW01000044.1	NCBI
		Zasci068X	NHNW01000068.1	NCBI
	Zopfia rhizophila	ZoprhX	741739	JGI
Arthoniomycetes [XI]				
	Arthonia radiata	ArtraX	PSQN01000007.1	NCBI
Lecanoromycetes [XII]	Agyrium rufum	AgyruXII	JALDZB010000001.1	NCBI
	Alectoria sarmentosa	AlesaXII	WOGZ01000003.1	NCBI
	Bacidia gigantea	BacgiXII	JAHXPR010000018.1	NCBI
	Cladonia grayi	ClagrXII	104134	JGI
	Cladonia uncialis	ClaunXII	NAPT01000294.1	NCBI
	Evernia prunastri	EveprXII	NKYR01000114.1	NCBI
	Imshaugia aleurites	ImsalXII	CAJPD010000018.1	NCBI
	Lasallia pustulata	Laspu443XII	CALAON010000443.1	NCBI
		Laspu130XII	CALHDC010000130.1	NCBI
	Letharia columbiana	LetcoXII	JACCJC010000029.1	NCBI
	Letharia lupina	LetluXII	JACCB010000008.1	NCBI
	Letroitia transgressa	LettrXII	JALAI0010000034.1	NCBI
	Lignoscripta atroalba	LigatXII	JALDZG010000007.1	NCBI
	Lobaria immixta	LobimXII	659849	JGI
	Lobaria pulmonaria Africa	LobafXII	CE406415_2123	JGI
	Lobaria pulmonaria Scotland	LobscXII	2266336	JGI
	Lobaria pulmonaria Spain	LobspXII	391768	JGI
	Loxospora ochrophaea	LoxacXII	JALDZI010000011.1	NCBI
	Mycoblastus sanguinarius	MycsaXII	JALDZJ010000123.1	NCBI
	Niebla homalea	NiehoXII	JAHG AU010000002.1	NCBI
	Parmelia sp.	ParspXII	JAUEBB010000027.1	NCBI
	Peltigera leucophlebia	PelleXII	JALDZK010004437.1	NCBI
	Physcia stellaris	PhystXII	JABSSW010000035.1	NCBI
	Pseudevernia furfuracea	PsefuXII	NKYQ01000023.1	NCBI
	Ptychographa xylographoides	PtyxyXII	JALDZM010000094.1	NCBI
	Puttea exsequens	PutexXII	JALDZN010000015.1	NCBI
	Ramalina farinacea	RamfaXII	JAPUFD010000003.1	NCBI
	Ramalina intermedia	RaminXII	PEKF01000016.1	NCBI
	Ramalina peruviana	RampeXII	MSTJ01000221.1	NCBI
	Thelotrema lepadinum	TheleXII	JALDZR010000010.1	JGI
	Toensbergia leucococca	ToeleXII	JALDZS010000084.1	NCBI
	Usnea florida	UsnflXII	941042	JGI
	Usnea hakonensis	UsnhaXII	BLJB01000135.1	NCBI
	Xylographa bjoerkii	XylbjXII	JALDZV010000033.1	NCBI
	Xylographa carneopallida	XylcaXII	JALDZW010000016.1	NCBI
	Xylographa pallens	XylpalXII	JALDZY010000030.1	NCBI
	Xylographa parallela	XylparXII	JALDZZ010000074.1	NCBI
	Xylographa sorallifera	XylsoXII	JALEAA010000004.1	NCBI
	Xylographa trunciseda	XyltrXII	JALEAB010000267.1	NCBI
	Xylographa vitiligo	XylviXII	JALEAC010000002.1	NCBI

Leotiomycetes [XIII]

<i>Acephala macrosclerotiorum</i>	Acema745XIII	WHVH01000745.1	NCBI
<i>Acephala macrosclerotiorum</i>	Acema591XIII	WHVH01000591.1	NCBI
<i>Amylocarpus encephaloides</i>	AmyenXIII	JAFMPF010000503.1	NCBI
<i>Arachnopeziza araneosa</i>	Araar078XIII	QYAI01000078.1	NCBI
	Araar106XIII	QYAI01000106.1	NCBI
<i>Articulospora tetracladia</i>	ArtteXIII	PYIV01000003.1	NCBI
<i>Ascocoryne sarcoides</i>	AscsaXIII	AIAA01000018.1	NCBI
<i>Atropellis piniphila</i>	AtrpiXIII	491293	JGI
<i>Bisporella</i> sp.	BisspXIII	JAJSPD010000046.1	NCBI
<i>Botryotinia globosa</i>	BotgXIII	RCSZ01000006.1	NCBI
<i>Botryotinia calthae</i>	BotcaXIII	PHWZ01000328.1	NCBI
<i>Botryotinia convoluta</i>	BotcoXIII	PQXN01000239.1	NCBI
<i>Botryotinia fuckeliana</i>	BotfuXIII	11934	JGI
<i>Botryotinia narcissicola</i>	BotnaXIII	PQXJ01000088.1	NCBI
<i>Botrytis aclada</i>	BotacXIII	RCSV01000007.1	NCBI
<i>Botrytis byssoides</i>	BotbyXIII	RCSW01000037.1	NCBI
<i>Botrytis cinerea</i>	BotciXIII	9670	JGI
<i>Botrytis elliptica</i>	BotelXIII	PQXM01000339.1	NCBI
<i>Botrytis fabae</i>	BotfaXIII	RSFA01000543.1	NCBI
<i>Botrytis galanthina</i>	BotgaXIII	PQXL01000369.1	NCBI
<i>Botrytis hyacinthi</i>	BothyXIII	PQXK01000114.1	NCBI
<i>Botrytis paeoniae</i>	BotpaXIII	LBGX01000679.1	NCBI
<i>Botrytis porri</i>	BotpoXIII	PQXO01000220.1	NCBI
<i>Botrytis pseudocinerea</i>	BotpsXIII	JAHXJK010000120.1	NCBI
<i>Botrytis squamosa</i>	BotsqXIII	RCTC02000014.1	NCBI
<i>Botrytis tulipae</i>	BottuXIII	PQXH01000026.1	NCBI
<i>Cadophora</i> sp	Cadsp306XIII	CALMRP010000306.1	NCBI
	Cadsp232XIII	CALMRP010000232.1	NCBI
<i>Cadophora malorum</i>	Cadma175XIII	JAFJYH010000175.1	NCBI
	Cadma255XIII	FKJQ01000255.1	NCBI
<i>Cadophora luteo-olivacea</i>	CadloXIII	JALRMC010000003.1	NCBI
<i>Cadophora gregata</i>	CadgrXIII	JASTTC010000012.1	NCBI
<i>Cairneyella variabilis</i>	CaivaXIII	AYLM01000174.1	NCBI
<i>Calycina herbarum</i>	CalheXIII	LLEY01000094.1	NCBI
<i>Chaetoscypha palmicola</i>	ChapaXIII	QYAH01000124.1	JGI
<i>Chalara longipes</i>	ChaloXIII	287508	JGI
<i>Chlorenchocelia torta</i>	ChltoXIII	QYAN01000006.1	NCBI
<i>Chlorociboria aeruginascens</i>	ChlaeXIII	NCSK02000007.1	NCBI
<i>Ciborinia camelliae</i>	CibcaXIII	LGKQ01000062.1	NCBI
<i>Ciborinia shiraiana</i>	CibshXIII	VNFM01000008.1	NCBI
<i>Clarireedia aff_paspali</i>	ClaafXIII	JAJXA010000069.1	NCBI
<i>Clarireedia hainanense</i>	ClahaXIII	JANHAA010000108.1	NCBI
<i>Clarireedia homoeocarpa</i>	Claho107XIII	JANHAB010000107.1	NCBI
<i>Clarireedia homoeocarpa</i>	Claho380XIII	LLKD01000380.1	NCBI
<i>Clarireedia jacksonii</i>	ClajaXIII	JANHAG010000054.1	NCBI
<i>Clarireedia monteithiana</i>	ClamoXIII	JANHAD010000068.1	NCBI
<i>Clarireedia paspali</i>	ClapaXIII	JANCMV010000057.1	NCBI
<i>Coleophoma crateriformis</i>	ColcrXIII	PDLN01000002.1	NCBI
<i>Coleophoma cylindrospora</i>	ColcyXIII	PDLN01000002.1	NCBI
<i>Coleophoma eucalyptorum</i>	Coleu023XIII	JALRME010000023.1	NCBI
	Coleu018XIII	JALRME010000018.1	NCBI
<i>Cudoniella acicularis</i>	CudacXIII	JAAMPI010000570.1	NCBI
<i>Filosporella fistucella</i>	FilfiXIII	JAQZZ010000021.1	NCBI
<i>Fungal_sp._EF0021</i>	FunspXIII	AIET01001736.1	NCBI
<i>Gamarada debralockiae</i>	GamdeXIII	NXFV01001982.1	NCBI
<i>Glarea lozoyensis</i>	GlaloXIII	XM_008089548.1	NCBI
<i>Halenospora varia</i>	HalvaXIII	JAHEWH010000025.1	NCBI
<i>Haplographium delicatum</i>	HapdeXIII	JAPZPC010000048.1	NCBI
<i>Helotiales</i> sp. F229	Helsp003XIII	MXAW01000003.1	NCBI
<i>Helotiales</i> spP8P42	Helsp746XIII	765746	JGI
<i>Helotiales</i> spP8C63	Helsp679XIII	580679	JGI
<i>Hyaloscypha bicolor</i>	Hyabi801XIII	XM_024874801.1	NCBI
	Hyabi107XIII	LXPI01000107.1	NCBI
<i>Hyaloscypha finlandica</i>	Hyafi048XIII	1200048	NCBI
	Hyafi065XIII	JAJTUR010000065.1	NCBI
<i>Hyaloscypha hepaticicola</i>	Hyah0191XIII	LYBP01000191.1	NCBI
	Hyah0659XIII	LYBP01000659.1	NCBI
<i>Hyaloscypha variabilis</i>	Hyava031XIII	LXPR01000031.1	NCBI
	Hyava165XIII	LXPR01000165.1	NCBI
<i>Hyaloscypha</i> sp.	Hyasp023XIII	JAJTUS010000023.1	NCBI
	Hyasp114XIII	JAJTUS010000114.1	NCBI
<i>Hymenoscyphus albidus</i>	HymalXIII	CAJVRM010000262.1	NCBI
<i>Hymenoscyphus fructigenus</i>	HymfrXIII	LKUV01000221.1	NCBI
<i>Hymenoscyphus herbarum</i>	HymheXIII	LLEY01000094.1	NCBI
<i>Hymenoscyphus koreanus</i>	HymkoXIII	CACRVL010000089.1	NCBI
<i>Hymenoscyphus linearis</i>	HymliXIII	UNPR01000151.1	NCBI
<i>Hymenoscyphus occultus</i>	HymocXIII	UNPT01000089.1	NCBI
<i>Hymenoscyphus repandus</i>	HymreXIII	LLCE01000084.1	NCBI
<i>Hymenoscyphus scutula</i>	HymscXIII	LKTO01000301.1	NCBI

Hymenoscyphus varicosporoides	HymvaXIII	389547	JGI
Hyphodiscus hymeniophilus	Hyphy004XIII	VNKKQ01000004.1	NCBI
	Hyphy020XIII	VNKKQ010000020.1	NCBI
Hyphodiscus sp.	Hypsp019XIII	QYAO0100002.1	NCBI
	Hypsp002XIII	QYAO01000019.1	NCBI
Lachnellula suecica	LacsuXIII	QGMK01000177.1	NCBI
Lachnum nothofagi	LacnoXII	QYSG01014932.1	NCBI
Lanzia echinophila	LanecXIII	JWJA01005407.1	NCBI
Leotiomycetes sp.	Leosp001XIII	JAGMVK010000001.1	NCBI
	Leosp022XIII	JAGMVK010000022.1	NCBI
Leptodontidium sp.	LenspXIII	675498	NCBI
Leptodontidium orchidicola	LeporXIII	552792	JGI
Meliniomyces bicolor	MelbiXIII	589832	JGI
Meliniomyces variabilis	MelvaXIII	562787	JGI
Meliniomyces sp	MelspXIII	352757	JGI
Mollisia scopiformis	MolscXIII	LKNIO1000172.1	NCBI
Monilinia fructigena	Monfr031XIII	QKRW01000031.1	NCBI
Monilinia fruticola	Monfr156XIII	PDME01000156.1	NCBI
Monilinia laxa	MonlaXIII	PDMC01000076.1	NCBI
Monilinia polystroma	MonpoXIII	PDUE01000182.1	NCBI
Myriosclerotinia duriaeana	MyrduXIII	NGKIO1000003.1	NCBI
Myriosclerotinia scirpicola	MyrscXIII	NGKG01000023.1	NCBI
Neobulgaria alba	NeoaXIII	QYAM01000268.1	NCBI
Neophaeococcomyces sp.	NeospXIII	gw1.11.369.1	JGI
Oculimacula yallundae	OcuyaXIII	12964	JGI
Oidiodendron maius	Oidma909XIII	115909	JGI
	Oidma761XIII	25761	JGI
Pasadenomyces melaninifex	PasmeXIII	JAKLMI010000083.1	NCBI
Pezicula neosporulosa	PezneXIII	SELE01000043.1	NCBI
Pezicula radiculata	PezraXIII	PDUO01000008.1	NCBI
Pezoloma ericae	Pezer191XIII	LYBP01000191.1	NCBI
	Pezer659XIII	LYBP01000659.1	NCBI
Phialocephala scopiformis	PhiscXIII	Genemark1.C_200373	JGI
Phialocephala subalpina	Phisu016XIII	FJOG01000016.1	NCBI
	Phisu005XIII	FJOG01000005.1	NCBI
Phialocephala sp.	Phisp275XIII	QYAJ01000275.1	NCBI
	Phisp052XIII	QYAJ01000052.1	NCBI
Pirottaea palmicola	PirpaXIII	QYAH01000124.1	NCBI
Polyphilus sieberi	PolsiXIII	821700	JGI
Proliferodiscus dingleyae	ProdiXIII	QYAK01000005.1	NCBI
Pseudogymnoascus pannorum	Psepa040XIII	JPJV01000040.1	NCBI
	Psepa427XIII	JPKC01002427.1	NCBI
	Psepa998XIII	JPKC01000998.1	NCBI
	Psepa562XIII	JPKC01002562.1	NCBI
Pseudogymnoascus verrucosus	PseveXIII	XM_018273049.1	NCBI
Pseudogymnoascus sp.	Psepa419XIII	LAKJ01001419.1	NCBI
	Psepa215XIII	LNAR01000215.1	NCBI
Rhexocercosporidium sp.	RhespXIII	CE243899_979	NCBI
Rhizoscyphus ericae	RhierXIII	140108	JGI
Rhynchosporium agropyri	RhyagXIII	FJUX01000123.1	NCBI
Rhynchosporium commune	RhycoXIII	FJUW01000001.1	NCBI
Rhynchosporium secalis	RhyseXIII	FJVC01000033.1	NCBI
Rutstroemia firma	RutfiXIII	resh1_kg.1_#_44_#_Locus3398v1rpkm3!	JGI
Rutstroemia sp.	Rutsp067XIII	NJPS01000067.1	NCBI
	Rutsp092XIII	NJPT01000092.1	NCBI
	Rutsp083XIII	NJPT01000083.1	NCBI
Sclerotinia glacialis	ScglXIII	NGKH01000007.1	NCBI
Sclerotinia homoeocarpa	ScldhoXIII	JW827172.1	NCBI
Sclerotinia pseudotuberosa	ScldpsXIII	JAWPPJ010000184.1	NCBI
Sclerotinia sclerotiorum	ScldscXIII	Supercontig_2.6:161229-162757	JGI
Scytalidium lignicola	ScyliXIII	NCSJO1000117.1	NCBI
Scytalidium sp.	Scysp010XIII	JMRO03000010.1	NCBI
	Scysp005XIII	JMRO03000005.1	NCBI
Stipitochalara longipes	Stilo042XIII	VKGA01000042.1	NCBI
	Stilo135XIII	VKGA01000135.1	NCBI
Xylogone sp	Xylsp001XIII	JAJTUQ010000001.1	NCBI
	Xylsp003XIII	JAJTUQ010000003.1	NCBI
Zalerion varium	ZalvaXIII	659357	JGI

Acidothrix acidophila	AciaXIV	1468444	JGI
Acremonium furcatum	AcrfuXIV	BCIA01000001.1	NCBI
Acremonium strictum	AcrstXIV	433516	JGI
Albifimbria verrucaria	AlbverXIV	JAHREC010000049.1	NCBI
Albophoma yamanashiensis	AlbyaXIV	BCKH01000003.1	NCBI
Apiospora malaysiana	ApimaXIV	QUSE01000011.1	NCBI
Apiospora montagnei	Apimo70656XIV	70656	JGI
	Apimo33434XIV	33434	JGI
Apiospora saccharicola	ApisaXIV	JAFHKF010000002.1	NCBI
Apodospora peruviana	ApopeXIV	615849	JGI
Aquanectria penicillioides	AqupeXIV	PYIU01000007.1	NCBI
Arthrinium esporlense	ArtesXIV	346068	JGI
Arthrinium malaysianum	Artma516XIV	GEGW01002516.1	NCBI
Arthrinium malaysianum	Artma031XIV	QUSE01000031.1	NCBI
Arthrinium phaeospermum	ArtphXIV	GHWG01004007.1	NCBI
Arthrinium sp	ArtspXIV	JAFHKQ010000014.1	NCBI
Aurifilum marmelostoma	AurmaXIV	JAMXSV010000003.1	NCBI
Beauveria bassiana	BeabaXIV	ADAH010000691.1	NCBI
Beauveria brongniartii	BeabrXIV	AZHA01000037.1	NCBI
Beauveria pseudobassiana	BeapsXIV	LUDX01000493.1	NCBI
Beauveria rudraprayagi	BearuXIV	JMNB01004563.1	NCBI
Beauveria sp.	BeaspXIV	MSJG02000017.1	NCBI
Calcarisporium arbuscula	CalarXIV	WBSA01000013.1	NCBI
Calonectria henricotiae	CalheXIV	PHMY01017932.1	NCBI
Calonectria leucothoes	CalleXIV	NAJI01000079.1	NCBI
Calonectria naviculata	CalnaXIV	NAGG01000382.2	NCBI
Calonectria pseudonaviculata	Calps272XIV	JYJY01000272.1	NCBI
Calonectria pseudoreteauidii	Calps560XIV	MOCOD01000560.1	NCBI
Cephalotrichum gorgonifer	Cepgo009XIV	ONZQ02000001.1	NCBI
	Cepgo001XIV	ONZQ02000009.1	NCBI
Cercophora caudata	CercaXIV	460915	JGI
Cercophora newfieldiana	CerneXIV	391490	JGI
Cercophora scortea	CerscXIV	186623	JGI
Chaetomidium fimeti	ChafixXIV	473356	JGI
Chaetomium funicola	ChafuXIV	150049	JGI
Chaetosphaeriaceae sp.	ChaspXIV	679560	JGI
Chaetosphaeria innumera	ChainXIV	3461	JGI
Chrysosporthe austroafricana	ChrauXIV	JYIP01000729.1	NCBI
Chrysosporthe cubensis	ChrcuXIV	LJCY01000190.1	NCBI
Chrysosporthe deuterocubensis	ChrdeXIV	LJDD01000019.1	NCBI
Chrysosporthe zambiensis	ChrzaXIV	JASENA010000039.1	NCBI
Cladobotryum protrusum	ClaprXIV	RZGP01000007.1	NCBI
Clonostachys sp.	ClospXIV	404401	JGI
Clonostachys chloroleuca	ClochXIV	JBANAY010000003.1	NCBI
Clonostachys rhizophaga	ClorhXIV	JBICSC010000042.1	NCBI
Clonostachys rosea	CloroXIV	LWRQ01000169.1	NCBI
Coniochaeta ligniaria	ConliXIV	643574	JGI
Coniochaeta sp.	Consp056XIV	155056	JGI
	Consp149XIV	967149	JGI
Cordyceps militaris	CormiXIV	AEVU01000101.1	NCBI
Cordyceps pruinosa	CorprXIV	LUFD01003780.1	NCBI
Cordyceps sp.	CorspXIV	NJEV01000632.1	NCBI
Corinectria fuckeliana	CorfuXIV	QGGC01000039.1	NCBI
Corynascella inaequalis	CorinXIV	11861	JGI
Cryphonectria carpinicola	CrycaXIV	JACWRE010000115.1	NCBI
Cryphonectria naterciae	CrynaXIV	JACWSS010000265.1	NCBI
Cryphonectria radicalis	CryraXIV	NAQQ01000457	NCBI
Cylindrocarpon olidum	CyloXIV	405339	JGI
Dactylonectria estremocensis	DacesXIV	270019	JGI
Dactylonectria macrodidyma	DacmaXIV	JYGD01000417.1	NCBI
Diaporthe longicolla	DialoXIV	AYRD01007349.1	NCBI
Diaporthe ampelina	DiaamXIV	LWAD01000237.1	NCBI
Diaporthe vohysiae	DiavoXIV	492051	JGI
Diatrype disciformis	DiadiXIV	807117	JGI
Diatrype stigma	DiastXIV	JAKJXP010000050.1	NCBI
Echria macrotheca	EchmaXIV	JAUFNW010000089.1	NCBI
Endothia cerciana	EndceXIV	JALRMH010000049.1	NCBI
Escovopsis sp.	EscspXIV	NIGD01000012.1	NCBI
Escovopsis weberi	EscweXIV	NIGB01000010.1	NCBI
Eutypa lata	EutlaXIV	AORF01002616.1	NCBI
Falciphora oryzae	FalorXIV	JNVV01000009.1	NCBI
Fragosphaeria purpurea	FrapuXIV	PCDL01000002.1	NCBI
Fungal_sp.	FunspXIV	PNEP01000019.1	NCBI
Furcasterigmium furcatum	FurfuXIV	BCIA01000001.1	NCBI
Fusarium acuminatum	FusacXIV	CBMG010003518.1	NCBI
Fusarium agapanthi	FusagXIV	LUFC01000741.1	NCBI
Fusarium algeriense	FusaXIV	PVPY01000620.1	NCBI
Fusarium ambrosium	FusamXIV	NIZV01000012.1	NCBI
Fusarium asiaticum	FusasXIV	LHTZ01000061.1	NCBI

Sordariomycetes [XIV]

Fusarium azukicola	FusazXIV	MAEG01007923.1	NCBI
Fusarium beomiforme	FusbeXIV	PVQB01000488.1	NCBI
Fusarium brasiliense	FusbrXIV	MAEC01005884.1	NCBI
Fusarium circinata	FusciXIV	AYJV01002164.1	NCBI
Fusarium commune	FuscoXIV	MIX3296_8_63	JGI
Fusarium culmorum	FusculXIV	CBMH010000861.1	NCBI
Fusarium cuneirostrum	FuscunXIV	MAEA01002323.1	NCBI
Fusarium equiseti	FuseqXIV	CBMI010004636.1	NCBI
Fusarium euwallaceae	FuseuXIV	NHTE02000046.1	NCBI
Fusarium fujikuroi	FusfuXIV	ANFV01000069.1	NCBI
Fusarium fracticaudum	FusfrXIV	PDNT01000011.1	NCBI
Fusarium graminearum	FusgrXIV	HG970333	NCBI
Fusarium mangiferae	FusmaXIV	FCQH01000014.1	NCBI
Fusarium meridionale	FusmeXIV	LHUB01000087.1	NCBI
Fusarium nygamai	FusnyXIV	LBNR01000016.1	NCBI
Fusarium oxysporum Lycopersici	FusolXIV	AAXH01000716	NCBI
Fusarium oxysporum Raphani	FusorXIV	mrna_FOQG_11832T0	NCBI
Fusarium oxysporum f. sp. Vasinfectum	FusovXIV	AGNC01000296.1	NCBI
Fusarium phaseoli	FusphXIV	MAEB01000885.1	NCBI
Fusarium pininemorale	FuspiXIV	NFZT01000029.1	NCBI
Fusarium pseudograminearum	FuspsXIV	EKJ77666	NCBI
Fusarium temperatum	FusteXIV	LJGR01000010.1	NCBI
Fusarium verticillioides	FusveXIV	AAIM02000133.1	NCBI
Fusarium udum	FusudXIV	NIFK01000011.1	NCBI
Fusarium virguliforme	FusviXIV	AEYB01001170.1	NCBI
Gaeumannomyces graminis var. tritici	GaegrXIV	GGTG_06660	JGI
Gibberella moniliformis	GibmoXIV	AAIM02000133	NCBI
Gibberella zeae	GibzeXIV	NT_086532.1	NCBI
Gliomastix tumulicola	GlostXIV	BCHX01000001.1	NCBI
Graphilbum fragrans	GrafrXIV	LLKO01000009.1	NCBI
Grosmannia galeiformis	GrogaXIV	RQWE01000006.1	NCBI
Harpophora oryzae	HarorXIV	JNVV01000009.1	NCBI
Hawksworthiomyces Lignivorus	HawigXIV	NTMA01000093.1	NCBI
Hirsutella minnesotensis	HirmiXIV	JPUM01001078.1	NCBI
Hirsutella rhossiliensis	HirrhXIV	MPJM01000322.1	NCBI
Hypocreaceae sp.	Hypsp126XIV	DAGWQZ010000126.1	NCBI
Hypomyces perniciosus	HyppeXIV	SPDT01000008.1	NCBI
Hypomyces rosellus	HyproXIV	WWCI01000001.1	NCBI
Ilyonectria sp	IlyspXIV	531675	JGI
Ilyonectria destructans	IlydeXIV	MPHF01000127.1	NCBI
Ilyonectria europaea	IlyeuXIV	1809843	JGI
Ilyonectria mors-panacis	IlymoXIV	PPHJ01000084.1	NCBI
Ilyonectria robusta	IlyroXIV	59233	JGI
Keithomyces neogunnii	KeineXIV	JAOWQ010000006.1	JGI
Khuskia oryzae	KhuorXIV	485486	JGI
Knoxdaviesia capensis	KnocaXIV	LNGK01000008.1	NCBI
Knoxdaviesia proteae	KnoprXIV	LNGK01000008.1	NCBI
Lasiosphaeria ovinas	LasovXIV	637879	JGI
Lasiosphaeria hirsuta	LashirXIV	94943	JGI
Lasiosphaeria hispida	LashisXIV	480539	JGI
Lasiosphaeriaceae sp.	LasspXIV	573813	JGI
Lecanicillium fungicola	LecfuXIV	FWCC01000362.1	NCBI
Lecanicillium psalliotae	LecpsXIV	PHFE01000067.1	NCBI
Leptographium procerum	LepprXIV	JRUC01000485.1	NCBI
Lomentospora prolificans	LomprXIV	NLAX01001139.1	NCBI
Magnaporthiopsis incrustans	MaginXIV	PYSR01000005.1	NCBI
Magnaporthiopsis poae	MagpoXIV	MAPG_11684T0	NCBI
Magnaporthiopsis rhizophila	MagrhXIV	PYSS01000229.1	NCBI
Mariannaea sp.	MarspXIV	514108	JGI
Melanconium sp.	Melsp003XIV	360003	JGI
Metacordyceps chlamydosporia	MetchXIV	AOSW01005593.1	JGI
Metarhizium acridum	MetacXIV	EFY92789	NCBI
Metarhizium album	MetalXIV	AZHE01000016.1	NCBI
Metarhizium anisopliae	MetanXIV	APNB01000197.1	NCBI
Metarhizium brunneum	MetbrXIV	AZNG01000001.1	NCBI
Metarhizium guizhouense	MetguXIV	AZNH01000004.1	NCBI
Metarhizium majus	MetmaXIV	AZNE01000014.1	NCBI
Metarhizium robertsii	MetroXIV	MAA_05705T0	JGI
Microascus cirrosus	Micci310XIV	JAMBUN010000310.1	NCBI
	Micci062XIV	JAMBUN010000062.1	NCBI
Microascus trigonosporus	Mictr040XIV	549040	JGI
	Mictr983XIV	92983	JGI
Microcera coccophila	MiccoXIV	JAMYIC010000931.1	NCBI
Microdochium trichocladiopsis	Mictr772XIV	291772	NCBI
Monosporascus sp.	MonspXIV	QJNV01000907.1	NCBI
Monosporascus cannonballus	MoncaXIV	QJNT01000265.1	NCBI
Monosporascus ibericus	MonibXIV	QJNU01000022.1	NCBI
Mycogone perniciosa	MycpeXIV	JAQALB010000107.1	NCBI
Myrothecium inundatum	MyrinXIV	269554	JGI

Nakataea oryzae	NakorXIV	PYSQ01000639.1	JGI
Nectria haematococca	NechaXIV	XP_003042844.1	NCBI
Nectria sp.	NecspXIV	NOKP01000031.1	NCBI
Neocosmospora boninensis	NeoboXIV	SSHR01000129.1	JGI
Neonectria ditissima	NeodiXIV	3637	NCBI
Neonectria hederiae	NeoheXIV	QGQB01000097.1	NCBI
Neonectria punicea	NeopuXIV	QGQA01000657.1	NCBI
Neonectria sp.	NeospXIV	RQWH01000022.1	NCBI
Neopestalotiopsis sp.	NeospXIV	601256	JGI
Niesslia exilis	NieexXIV	220466	JGI
Ophiocordycipitaceae sp.	OphspXIV	DAGXBU010001383.1	NCBI
Parascedosporium putredinis	ParpuXIV	CASHTG010000006.1	NCBI
Paramyrothecium roridum	ParroXIV	PXOD01000275.1	NCBI
Paramyrothecium sp	ParspXIV	JAJFPB010000004.1	NCBI
Parapyrenis maritima	ParmaXIV	127418	NCBI
Parathielavia appendiculata	ParapXIV	565516	NCBI
Parathielavia hyrcaniae	ParhyXIV	516839	NCBI
Penicillatus	PenspXIV	VCCP01000005.1	NCBI
Phaeoacremonium aleophilum	PhaalXIV	8398m.01	JGI
Phaeoacremonium minimum	PhamiXIV	XM_007920911.1	NCBI
Phaeoacremonium sp.	PhaspXIV	gm1.6071_g	JGI
Phialemoniopsis curvata	PhicuXIV	SKBQ01000027.1	NCBI
Phialemonium atrogriseum	PhiatXIV	547419	NCBI
Phialemonium globosum	PhiglXIV	429001	NCBI
Plectosphaerella cucumerina	PlecuXIV	JAGPXD010000005.1	NCBI
Plectosphaerella plurivora	PleplXIV	JAGSXJ010000025.1	NCBI
Plectosphaerella sp.	PlespXIV	JACAFV010000166.1	NCBI
Pochonia chlamydosporia	Pocch001XIV	AOSW01003564.1	NCBI
	Pocch564XIV	AOSW04000001.1	JGI
Podospora aff communis	PodcoXIV	452915	JGI
Podospora curvicolla	PodcuXIV	351100	JGI
Podospora decipiens	PoddeXIV	434686	JGI
Purpureocillium lavendulum	PurlaXIV	JAQHRD010000001.1	NCBI
Purpureocillium lilacinum	PurliXIV	LCWV01000016.1	NCBI
Purpureocillium takamizusanense	PurtaXIV	XP_047837310.1	NCBI
Purpureocillium sp.	PurspXIV	347422	JGI
Reticulascus tulasneorum	RettuXIV	LSAX01000001.1	NCBI
Sarocladium kiliense	SarkiXIV	JAUTZG010000041.1	NCBI
Sarocladium strictum	SarstXIV	OKRM01000006.1	NCBI
Sarocladium terricola	SarteXIV	JAHKSO010000001.1	NCBI
Scedosporium aurantiacum	SceauXIV	JUDQ01000065.1	NCBI
Scedosporium apiospermum	SceapXIV	JOWA01000089.1	NCBI
Scedosporium dehoogii	ScedeXIV	PGIR01000082.1	NCBI
Schizothecium conicum	SchcoXIV	JAUFRE010000017.1	NCBI
Schizothecium tetrasporum	SchteXIV	JAQKAE010000004.1	NCBI
Schizothecium vesticola	SchveXIV	gw1.6.2428.1	JGI
Simplicillium aogashimaense	SimaoXIV	JAKHSJ010000006.1	NCBI
Simplicillium sp.	SimspXIV	JAJIY010000007.1	NCBI
Sordariomycetes sp.	Sorsp039XIV	JAMFQS010000039.1	NCBI
Sordariomycetes sp.	Sorsp089XIV	JAMFQS010000089.1	NCBI
Sphaerostilbella broomeana	SphbrXIV	CAKNET010000059.1	NCBI
Sporothrix dimorphospora	SpodiXIV	WOUA01000023.1	NCBI
Sporothrix insectorum	SpoinXIV	AZHD01000005.1	NCBI
Sporothrix schenckii	SposcXIV	AWEQ01000100.1	NCBI
Stachybotrys chartarum	StachXIV	APIU01000295.1	NCBI
Stachybotrys chlorohalonata	Stachl470XIV	APWP01002470.1	NCBI
	Stachl612XIV	APWP01003612.1	NCBI
Stachybotrys echinata	StaecXIV	BCHF01000013.1	NCBI
Stachybotrys elegans	StaelXIV	MIX15202_195_47	NCBI
Stachybotrys microspora	StamiXIV	JA Evelyn010002147.1	NCBI
Stanjemonium grisellum	StagrXIV	e_gw1.4.163.1	JGI
Staphylotrichum longicolle	StaloXIV	19970	JGI
Stenocarpella maydis	StemaXIV	NQMI01000013.1	NCBI
Thielavia appendiculata	ThiapXIV	Genemark1.C_2_t30079	JGI
Thielavia hyrcaniae	ThihyXIV	fgenes11_pm.C_200029	JGI
Thozetella sp.	ThospXIV	734478	JGI
Thyridium sp.	ThyspXIV	561948	JGI
Togninia minima	TogmiXIV	XM_007920911.1	NCBI
Tolypocladium album	TolalXIV	JALHCH010000467.1	NCBI
Tolypocladium amazonense	TolamXIV	JALHCH010000467.1	NCBI
Tolypocladium capitatum	TolcaXIV	NRSZ01000447.1	NCBI
Tolypocladium cylindrosporum	TolcyXIV	JALHCC010000467.1	NCBI
Tolypocladium endophyticum	TolenXIV	JALHBW010000176.1	NCBI
Tolypocladium geodes	TolgeXIV	JALHCB010000069.1	NCBI
Tolypocladium guangdongense	TolguXIV	NRQP01000004.1	NCBI
Tolypocladium inflatum	TolinXIV	AOHE01000147.1	NCBI
Tolypocladium ophioglossoides	TolopXIV	LFRF01000016.1	NCBI
Tolypocladium pustulatum	TolpuXIV	JALHBY010000071.1	NCBI
Tolypocladium salcha	TolsaXIV	JPIJ02000005.1	NCBI

	Tolypocladium sp	TolspXIV	JPHH01000339.1	NCBI
	Tolypocladium tropicale	ToltrXIV	JALHBU010000100.1	NCBI
	Torrubiella hemipterigena	TorheXIV	CDHN01000004.1	NCBI
	Trichoderma afroharzianum	TriafXIV	JALIRT010000001.1	NCBI
	Trichoderma arundinaceum	TriarXIV	PXOA01000064.1	NCBI
	Trichoderma asperellum	TriasXIV	fgenes1_pm.2_#_21	JGI
	Trichoderma atrobrunneum	Triat015XIV	PNRQ01000015.1	NCBI
	Trichoderma atroviride	Triat243XIV	319992	JGI
	Trichoderma breve	Tribr001XIV	JAOPEN010000001.1	NCBI
	Trichoderma brevicompactum	Tribr573XIV	PXNZ01000573.1	NCBI
	Trichoderma citrinoviride	TriciXIV	gm1.72_g	JGI
	Trichoderma cornu-damae	TricoXIV	JAIWOZ010000003.1	NCBI
	Trichoderma erinaceum	TrierXIV	JABSTY010000006.1	NCBI
	Trichoderma gamsi	TrigaXIV	JPDN01000001.1	NCBI
	Trichoderma gracile	TrigrXIV	JAINEY010000002.1	NCBI
	Trichoderma guizhouense	TriguXIV	LVVK01000020.1	NCBI
	Trichoderma hamatum	TrihamXIV	ANCB02000213.1	NCBI
	Trichoderma harzianum	TriharXIV	fgenes1_pm.1_#_258	JGI
	Trichoderma koningii	Triko003XIV	BCGH01000003.1	NCBI
	Trichoderma koningiopsis	Triko140XIV	MRBD01000140.1	NCBI
	Trichoderma lixii	TriliXIV	SESN01000071.1	JGI
	Trichoderma longibrachiatum	TriloXIV	CE139160_1188	JGI
	Trichoderma parareesei	TripaXIV	LFMI01000206.1	NCBI
	Trichoderma pleuroti	TriplXIV	MDJU01000245.1	NCBI
	Trichoderma polysporum	TripoXIV	JARFTM010000123.1	JGI
	Trichoderma reesei	TrireXIV	fgenes5_pg.C_scaffold_6000096	JGI
	Trichoderma semiorbis	TriseXIV	JAIMJC010000001.1	JGI
	Trichoderma sp	TrispXIV	JAJNCI010000002.1	JGI
	Trichoderma virens	Trivire129XIV	222129	JGI
		Trivire919XIV	194919	JGI
	Trichoderma viride	TriviriXIV	VCECO1000014.1	JGI
	Truncatella angustata	TruanXIV	508630	JGI
	Vermiculariopsiella pediculata	VerpeXIV	475567	JGI
	Xylariaceae sp.	Xylsp373XIV	639373	JGI
	Xylariales sp.	Xylsp638XIV	217638	JGI
Xylonomycetes [XV]	Symbiotaphrina buchneri	SymbuXV	BCIG01000027.1	NCBI
	Symbiotaphrina kochii	SymkoXV	esh1_kg.1_#_5885_#_Locus6071v1rpkm	JGI
	Trinosporium guianense	TriguXV	CE48284_233	JGI
	Xylona heveae	Xylhe044XV	JXCS01000044.1	JGI
		Xylhe054XV	JXCS01000054.1	JGI
	Xylonomycetes sp.	Xylsp016XV	JADCQY010000016.1	JGI
Saccharomycota [XVI]	Debaryomycetaceae sp.	DebspXVI	JAMAFS010000025.1	NCBI
	Galactomyces candidus	GalcaXVI	JMRO02000005.1	NCBI
	Lipomyces arxii	LiparXVI	PPJT02000021.1	NCBI
	Lipomyces doorenjongii	LipdoXVI	412976	JGI
	Lipomyces kononenkoae	LipkoXVI	PPJW01000018.1	NCBI
	Lipomyces oligophaga	LipolXVI	PPJR02000001.1	NCBI
	Lipomyces orientalis	LiporXVI	342385	JGI
	Lipomyces spencermartinsiae	LipspXVI	JAJLTQ010000017.1	JGI
	Lipomyces sp.	LipsXVI	PPJW02000018.1	JGI
	Lipomyces starkeyi	LipstXVI	191638	JGI
	Lipomyces tetrasporus	LipteXVI	starkeyi	JGI
	Lipomyces yarrowii	LipyaXVI	JANJPG010000190.1	NCBI
	Spencermartinsiella europaea	SpeeuXVI	PPIE02000004.1	JGI
Glomeromycotina [XVIII]	Ambispora leptoticha	Amble823XVIII	CAJVPS010000823.1	NCBI
		Amble163XVIII	CAJVPS010004163.1	NCBI
	Geosiphon pyriformis	Geopy171XVIII	9171	JGI
		Geopy098XVIII	14098	JGI
Zoopagomycotina [XXI]	Acaulopage tetraceros	AcateXXI	QZWU01000072.1	NCBI
Entomophthoromycotina [XXII]	Basidiobolus heterosporus	Bashe894XXII	JNET01031894.1	NCBI
		Bashe773XXII	JNET01012773.1	NCBI
	Basidiobolus meristosporus	Basme033XXII	3790033	JGI
		Basme565XXII	JNEO01006565.1	NCBI
		Basra596XXII	JASJQH010002596.1	NCBI
	Basidiobolus ranarum	Basra953XXII	JASJQH010008953.1	NCBI