

Online Resource 3 Results of the molecular analysis of 73 taxa including accession numbers of DNA sequences and the closest match from the GenBank database

Taxa	Genbank Accession No.		Blastn results
	ITS	LSU	
<i>Acremonium</i> cf. <i>fuci</i>	JX535068	JX535069	<i>Acremonium fuci</i> , 512/513, 99% ITS <i>Acremonium fuci</i> , 474/475, 99% ITS <i>Acremonium</i> sp., 2039/2040, 99% LSU KT207762 AY632652 KC987248
<i>Acremonium</i> sp. 1	JX535106	JX535107	<i>Acremonium</i> sp., 500/500, 100% ITS <i>Acremonium</i> sp., 2038/2040, 99% LSU KC987141 KC987248
<i>Acremonium</i> sp. 1	JX535076	JX535077	<i>Acremonium</i> sp., 498/498, 100% ITS <i>Acremonium</i> sp., 2025/2027, 99% LSU KC987141 KC987248
<i>Acremonium</i> sp. 1	JX535096	JX535097	<i>Acremonium</i> sp., 500/500, 100% ITS <i>Acremonium</i> sp., 2038/2040, 99% LSU KC987141 KC987248
<i>Acremonium</i> sp. 1	JX535176		<i>Acremonium</i> sp., 500/500, 100% ITS KC987141
<i>Acremonium</i> sp. 2	JX535074	JX535075	<i>Acremonium</i> sp., 496/496, 100% ITS <i>Acremonium</i> sp., 2032/2033, 99% LSU KC987145 KC987248
<i>Acremonium</i> sp. 2	JX535054	JX535055	<i>Acremonium</i> sp., 499/499, 100% ITS <i>Acremonium</i> sp., 2036/2037, 99% LSU KC987145 KC987248
<i>Acremonium</i> sp. 2	JX535152		<i>Acremonium</i> sp., 499/499, 100% ITS KC987145
<i>Acremonium</i> sp. 2	JX535048	JX535049	<i>Acremonium</i> sp., 506/506, 100% ITS <i>Acremonium</i> sp., 497/497, 100% ITS KR425654 KC987145
<i>Acremonium</i> sp. 2	JX535064	JX535065	<i>Acremonium</i> sp., 2013/2037, 99% LSU <i>Acremonium potronii</i> , 458/458, 100% ITS KC987248 AY632655
<i>Acremonium</i> sp. 2	JX535066	JX535067	<i>Acremonium</i> sp., 2040/2040, 100% LSU <i>Acremonium potronii</i> , 505/505, 100% ITS KC987248 AY632655
<i>Acremonium</i> sp. 3	JX535062	JX535063	<i>Acremonium</i> sp., 2040/2040, 100% LSU <i>Acremonium</i> sp., 507/510, 99% ITS KC987248 KP269047
<i>Acremonium</i> sp. 3	JX535092	JX535093	<i>Acremonium</i> sp., 383/391, 99% ITS <i>Acremonium</i> sp., 1919/2053, 93% LSU JX076976 GQ867783
<i>Acremonium</i> sp. 3			<i>Sarocladium</i> sp., 1909/2042, 93% LSU <i>Acremonium</i> sp., 499/506, 99% ITS KC987243 FJ571421
<i>Acremonium</i> sp. 4	JX535182		<i>Acremonium</i> sp., 2017/2050, 98% LSU <i>Sarocladium</i> sp., 2007/2039, 98% LSU GQ867783 KC987243
<i>Acremonium</i> sp. 5	JX535044	JX535045	<i>Acremonium</i> sp., 426/431, 99% ITS <i>Acremonium</i> sp., 499/506, 99% ITS FN386307 FJ571421
<i>Acremonium</i> sp. 5	JX535050	JX535051	<i>Acremonium</i> sp., 507/510, 99% ITS <i>Acremonium</i> sp., 1919/2053, 93% LSU KP269047 GQ867783
<i>Acremonium</i> sp. 5	JX535072	JX535073	<i>Sarocladium</i> sp., 1909/2042, 93% LSU <i>Acremonium</i> sp., 508/511, 99% ITS KC987243 KP269047
<i>Acremonium</i> sp. 5	JX535056	JX535057	<i>Acremonium</i> sp., 1911/2044, 93% LSU <i>Sarocladium</i> sp., 1909/2042, 93% LSU GQ867783 KC987243
<i>Acremonium</i> sp. 5	JX535058	JX535059	<i>Acremonium</i> sp., 507/510, 99% ITS <i>Acremonium</i> sp., 1902/2035, 93% LSU KP269047 GQ867783
<i>Acremonium</i> sp. 5	JX535060	JX535061	<i>Sarocladium</i> sp., 1896/2029, 93% LSU <i>Acremonium</i> sp., 507/510, 99% ITS KC987243 KP269047
<i>Acremonium</i> sp. 5	JX535156		<i>Acremonium</i> sp., 1915/2049, 93% LSU <i>Sarocladium</i> sp., 1909/2042, 93% LSU GQ867783 KC987243
<i>Acremonium</i> sp. 5	JX535070	JX535071	<i>Acremonium</i> sp., 506/510, 99% ITS <i>Acremonium</i> sp., 1915/2049, 93% LSU KP269047 GQ867783
<i>Acremonium</i> sp. 6	JX535052	JX535053	<i>Sarocladium</i> sp., 1909/2042, 93% LSU <i>Emericellopsis terricola</i> , 505/506, 99% ITS KC987243 ETU57676
<i>Acremonium</i> sp. 6	JX535094	JX535095	<i>Emericellopsis minima</i> , 505/506, 99% ITS <i>Acremonium</i> sp., 2027/2036, 99% LSU KT290876 KC987248
<i>Acremonium</i> sp. 6	JX535153		<i>Acremonium</i> sp., 2027/2036, 99% LSU <i>Emericellopsis terricola</i> , 505/505, 99% ITS KC987223 FJ430737
<i>Alternaria</i> sp. 1	JX535138		<i>Emericellopsis minima</i> , 505/506, 99% ITS <i>Acremonium</i> sp., 2027/2035, 99% LSU KT290876 KC987248
			<i>Acremonium</i> sp., 2027/2035, 99% LSU KC987223
			<i>Emericellopsis terricola</i> , 512/513, 99% ITS FJ430737
			<i>Emericellopsis minima</i> , 516/518, 99% ITS KT290876
			<i>Alternaria brassicae</i> , 503/503, 100% ITS KT803065

			<i>Alternaria porri</i> , 503/503, 100% ITS	KT803064
			<i>Alternaria alternata</i> , 503/503, 100% ITS	KT366738
<i>Alternaria</i> sp. 2	JX535139		<i>Alternaria tenuissima</i> , 503/503, 100% ITS	KT291415
			<i>Alternaria alternata</i> , 503/503, 100% ITS	KT238888
<i>Alternaria</i> sp. 2	JX535178		<i>Alternaria tenuissima</i> , 503/503, 100% ITS	KT291415
			<i>Alternaria alternata</i> , 503/503, 100% ITS	KT238888
<i>Antrodia</i> sp.	JX535080	JX535081	<i>Antrodia primaeva</i> , 564/566, 99% ITS	JQ700272
			<i>Antrodia xantha</i> , 2016/2089, 97% LSU	AJ583430
<i>Ascomycota</i> sp. 1	JX535148	JX535149	<i>Fungal</i> sp., 514/524, 98% ITS	EU725705
			<i>Helotiales</i> sp., 457/464, 98% ITS	FN548161
			<i>Articulospora atra</i> , 1975/2057, 96% LSU	KP234353
<i>Ascomycota</i> sp. 2	JX535087		<i>Ascomycota</i> cf. <i>Helotiales</i> , 432/439, 98% ITS	HE998712
			<i>Ascomycota</i> sp., 461/489, 94% ITS	HQ008924
<i>Ascomycota</i> sp. 3	JX535098	JX535099	<i>Ascomycete</i> sp., 479/483, 99% ITS	AM084519
			<i>Ascomycota</i> sp., 501/521, 96% ITS	JN655575
			<i>Articulospora atra</i> , 1975/2057, 96% LSU	KP234353
<i>Ascomycota</i> sp. 4	JX535116		<i>Pseudocercospora fraxini</i> , 439/448, 98% ITS	LN808860
			<i>Ascomycota</i> sp., 456/474, 96% ITS	KC460802
<i>Ascomycota</i> sp. 5	JX535144		<i>Tricladium</i> sp., 493/493, 100% ITS	HQ623448
			<i>Helotiales</i> sp., 494/499, 99% ITS	KF428422
<i>Aspergillus tubingensis</i>	JX535043		<i>Aspergillus tubingensis</i> , 474/474, 100% ITS	KT277272
<i>Aspergillus</i> sp.	JX535163		<i>Aspergillus pseudoglaucus</i> , 492/492, 100% ITS	KT222020
			<i>Aspergillus glaucus</i> , 492/492, 100% ITS	AY373887
<i>Aspergillus</i> sp.	JX535174		<i>Aspergillus pseudoglaucus</i> , 492/492, 100% ITS	KT222020
			<i>Aspergillus glaucus</i> , 492/492, 100% ITS	AY373887
<i>Cadophora luteo-olivacea</i>	JX535085		<i>Cadophora luteo-olivacea</i> , 567/567, 100% ITS	KU141395
<i>Cadophora luteo-olivacea</i>	JX535089		<i>Cadophora luteo-olivacea</i> , 574/575, 99% ITS	KU141395
			<i>Cadophora luteo-olivacea</i> , 574/575, 99% ITS	KP903599
<i>Cadophora luteo-olivacea</i>	JX535159		<i>Cadophora luteo-olivacea</i> , 568/568, 100% ITS	KU141395
<i>Cadophora malorum</i>	JX535086		<i>Cadophora malorum</i> , 543/543, 100% ITS	GU212432
<i>Chaetosphaeria</i> sp.	JX535168		Uncultured <i>Melanopsammella</i> (<i>Chaetosphaeria</i>) clone, 490/490, 100% ITS	JF519556
<i>Cladosporium</i> sp. 1	JX535160		<i>Cladosporium langeronii</i> , 489/489, 100% ITS	KP701931
			<i>Cladophialophora bantiana</i> , 489/489, 100% ITS	KM232500
<i>Coniochaeta</i> sp.	JX535133	JX535134	<i>Coniochaeta</i> sp., 507/507, 100% ITS	HQ829070
			<i>Coniochaeta</i> sp., 502/502, 100% ITS	HQ657291
			<i>Coniochaeta</i> sp., 1512/1544, 98% LSU	JX507630
<i>Cylindrobasidium laeve</i>	JX535036	JX535037	<i>Cylindrobasidium laeve</i> , 680/680, 100% ITS	KJ652553
			<i>Cylindrobasidium laeve</i> , 680/680, 100% ITS	DQ097354
			<i>Cylindrobasidium laeve</i> , 1385/1386, 99% LSU	DQ234541
<i>Helotiales</i> sp. 3	JX535161		<i>Phialocephala</i> sp., 496/497, 99% ITS	AY606294
			<i>Phaeomollisia piceae</i> , 489/494, 99% ITS	LN714584
<i>Helotiales</i> sp. 6	JX535102	JX535103	<i>Helotiales</i> sp., 478/505, 95% ITS	JX852365
			<i>Catenulifera brevicollaris</i> , 479/507, 94% ITS	NR_121471
			<i>Helotiales</i> sp., 2027/2043, 99% LSU	JX507673
<i>Mucor hiemalis</i> *	JX535127		<i>Mucor hiemalis</i> f. <i>silvaticus</i> , 588/589, 99% ITS	AY243948
			<i>Mucor hiemalis</i> f. <i>silvaticus</i> , 569/570, 99% ITS	JN206122
<i>Nectriaceae</i> sp.	JX535154		<i>Neonectria obtusispora</i> , 478/479, 99% ITS	KP411558
			<i>Cylindrocarpon lucidum</i> , 456/457, 99% ITS	AY805555
<i>Paradendryphiella salina</i>	JX535142		<i>Paradendryphiella salina</i> , 526/526, 100% ITS	KU214560
<i>Paradendryphiella salina</i>	JX535165		<i>Paradendryphiella salina</i> , 510/510, 100% ITS	KU214560
<i>Penicillium montanense</i> *	JX535126		<i>Penicillium montanense</i> , 504/504, 100% ITS	JN376150
<i>Penicillium thomii</i> *	JX535130		<i>Penicillium thomii</i> , 512/512, 100% ITS	KT200277
<i>Plectosphaerella</i> sp.	JX535155		<i>Plectosphaerella cucumerina</i> , 489/490, 99% ITS	KP686178
			<i>Plectosphaerella</i> sp., 487/488, 99% ITS	KP714372
<i>Plectosphaerella</i> sp.	JX535151		<i>Plectosphaerella cucumerina</i> , 489/490, 99% ITS	KP686178
			<i>Plectosphaerella</i> sp., 487/488, 99% ITS	KP714372
<i>Plectosphaerella cucumerina</i>	JX535104	JX535105	<i>Plectosphaerella cucumerina</i> , 490/490, 100% ITS	KP686178
			<i>Plectosphaerella cucumerina</i> , 924/934, 99% LSU	U17399
<i>Pleosporales</i> sp. 1	JX535157	JX535158	<i>Stagonospora pseudovitensis</i> , 481/482, 99% ITS	KF251262
			<i>Pleosporales</i> sp., 476/477, 99% ITS	AB809642
			<i>Pleosporaceae</i> sp., 1958/2046, 96% LSU	KJ443134
<i>Pleosporales</i> sp. 2	JX535136	JX535137	<i>Pleosporales</i> sp., 465/471, 99% ITS	KP963609
			<i>Pleosporaceae</i> sp., 1965/2053, 96% LSU	KJ443134
<i>Pleosporales</i> sp. 3	JX535184		<i>Stagonospora pseudovitensis</i> , 481/482, 99% ITS	KF251262
			<i>Pleosporales</i> sp., 476/477, 99% ITS	AB809642
<i>Sistotrema brinkmannii</i>	JX535039	JX535040	<i>Sistotrema brinkmannii</i> , 606/606, 100% ITS	KM232461
			<i>Sistotrema brinkmannii</i> , 2060/2060, 100% LSU	JX535083
<i>Sistotrema brinkmannii</i>	JX535169	JX535170	<i>Sistotrema brinkmannii</i> , 570/570, 100% ITS	KM232461
			<i>Sistotrema brinkmannii</i> , 2056/2056, 100% LSU	JX535083

<i>Sistotrema brinkmannii</i>	JX535117	JX535118	<i>Sistotrema brinkmannii</i> , 524/524, 100% ITS	JX946668
			<i>Sistotrema brinkmannii</i> , 2062/2062, 100% LSU	JX535083
<i>Sistotrema brinkmannii</i>	JX535146	JX535147	<i>Sistotrema brinkmannii</i> , 569/569, 100% ITS	LN714605
			<i>Sistotrema brinkmannii</i> , 1197/1199, 99% LSU	KF218967
<i>Sistotrema brinkmannii</i>	JX535041	JX535042	<i>Sistotrema brinkmannii</i> , 570/570, 100% ITS	JX507710
			<i>Sistotrema brinkmannii</i> , 1199/2000, 99% LSU	KF218967
<i>Sistotrema brinkmannii</i>	JX535183		<i>Sistotrema brinkmannii</i> , 573/573, 100% ITS	LN714605
<i>Sistotrema brinkmannii</i>	JX535177		<i>Sistotrema brinkmannii</i> , 576/576, 100% ITS	LN714605
<i>Tolypocladium cylindrosporum</i> *	JX535140		<i>Tolypocladium cylindrosporum</i> , 504/504, 100% ITS	KJ028796
<i>Tolypocladium cylindrosporum</i> *	JX535150		<i>Tolypocladium cylindrosporum</i> , 498/498, 100% ITS	FJ025179
<i>Tolypocladium inflatum</i> *	JX535185		<i>Tolypocladium inflatum</i> , 494/494, 100% ITS	JQ780650
<i>Tolypocladium inflatum</i> *	JX535128		<i>Tolypocladium inflatum</i> , 487/488, 99% ITS	JQ780650
			<i>Tolypocladium inflatum</i> , 487/488, 99% ITS	JQ266196
<i>Trichoderma parapiluliferum</i> *	JX535122		<i>Trichoderma parapiluliferum</i> , 539/539, 100% ITS	NR_134341
<i>Trichoderma polysporum</i> *	JX535131		<i>Hypocrea pachybasioides</i> , 557/557, 100% ITS	JQ780637
<i>Xylobolus</i> sp.	JX535112		<i>Stereum hirsutum</i> , 470/472, 99% ITS	JX501297

* species names identified also by morphology