

Supplementary Table S1: Information on sequences of the KSMP-Kiel culture collection used for this study. After manually inspection of all BLAST-N hits, sequences were assigned to a submission name.

Accession No.	Strain	Submission name	Best BLAST-N hit	Habitat	Geographic Origin
KJ939309	MF566	<i>Exophiala castellanii</i>	<i>Exophiala castellanii</i>	sediment	North Sea
KJ939310	LF927	<i>Lecythophora hoffmannii</i>	<i>Lecythophora hoffmannii</i>	na	Southern Ocean
KJ939311	MF583	<i>Phialophora</i> sp.	<i>Phialophora</i> sp. GHP 1105	sediment	North Sea
KJ939312	MF464	<i>Plectosphaerella</i> sp.	<i>Plectosphaerella</i> sp. MH727	sediment	North Sea
KJ939313	MF526	<i>Thelebolus microsporus</i>	<i>Thelebolus microsporus</i>	sediment	North Sea
KM096133	KF027	<i>Paraconiothyrium variabile</i>	<i>Paraconiothyrium variabile</i>	animal-associated	Mediterranean Sea
KM096134	KF029	<i>Paraconiothyrium variabile</i>	<i>Paraconiothyrium variabile</i>	animal-associated	Mediterranean Sea
KM096135	KF043	<i>Paraconiothyrium variabile</i>	<i>Paraconiothyrium variabile</i>	animal-associated	Mediterranean Sea
KM096136	KF071	<i>Paraconiothyrium variabile</i>	<i>Paraconiothyrium variabile</i>	animal-associated	Mediterranean Sea
KM096137	KF074	<i>Pleosporales</i> sp.	<i>Trematosphaeria pertusa</i> isolate AFTOL-ID #1589	animal-associated	Mediterranean Sea
KM096138	KF098	<i>Acremonium</i> sp.	<i>Volutella colletotrichoides</i>	seawater	Mediterranean Sea
KM096139	KF103	<i>Sarocladium bactrocephalum</i>	<i>Acremonium</i> -like hyphomycete KR21-2 gene	seawater	Mediterranean Sea
KM096140	KF114	<i>Paraconiothyrium variabile</i>	<i>Paraconiothyrium variabile</i>	seawater	Mediterranean Sea
KM096141	KF128	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. - GT 308	animal-associated	Baltic Sea
KM096142	KF131	<i>Pleosporales</i> sp.	<i>Neophaeosphaeria filamentosa</i>	animal-associated	Baltic Sea
KM096143	KF133	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. - GT 308	animal-associated	Baltic Sea
KM096144	KF157	<i>Rhodotorula lysiniphila</i>	<i>Rhodotorula lysiniphila</i>	na	Southern Ocean
KM096145	KF162	<i>Rhodosporidium diobovatum</i>	<i>Rhodosporidium diobovatum</i>	na	Southern Ocean
KM096146	KF165	<i>Rhodotorula lysiniphila</i>	<i>Rhodotorula lysiniphila</i>	na	Southern Ocean
KM096147	KF172	<i>Dothideomycetes</i> sp.	<i>Endoconidioma populi</i>	na	Southern Ocean
KM096148	KF185	<i>Exophiala</i> sp.	<i>Exophiala</i> sp. FFC-1	na	Southern Ocean
KM096149	KF200	<i>Pleosporales</i> sp.	<i>Ascochyta rabiei</i>	na	Southern Ocean
KM096150	KF201	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	na	Southern Ocean
KM096151	KF202	<i>Paecilomyces</i> sp.	<i>Paecilomyces lilacinus</i>	na	Southern Ocean
KM096152	KF204	<i>Paecilomyces</i> sp.	<i>Paecilomyces lilacinus</i>	na	Southern Ocean
KM096153	KF215	<i>Fusarium</i> sp.	<i>Fusarium</i> sp. 13002	animal-associated	Mediterranean Sea
KM096154	KF221	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	seawater	Mediterranean Sea
KM096155	KF266	<i>Penicillium</i> sp.	<i>Eupenicillium javanicum</i>	animal-associated	Mediterranean Sea
KM096156	KF268	<i>Alternaria</i> sp.	<i>Lewia eureka</i>	animal-associated	Mediterranean Sea
KM096157	KF269	<i>Acremonium</i> sp.	<i>Volutella colletotrichoides</i>	animal-associated	Mediterranean Sea
KM096158	KF272	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	animal-associated	Mediterranean Sea
KM096159	KF277	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	animal-associated	Mediterranean Sea
KM096160	KF278	<i>Arthrinium</i> sp.	<i>Apiospora montagnei</i>	animal-associated	Mediterranean Sea
KM096161	KF291	<i>Phaeosphaeriaceae</i> sp.	<i>Septoria nodorum</i> DAOM 215173	animal-associated	Baltic Sea
KM096162	KF302	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	animal-associated	Mediterranean Sea
KM096163	KF311	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	animal-associated	Mediterranean Sea
KM096164	KF335	<i>Cladosporium</i> sp.	<i>Cladosporium cladosporioides</i>	sediment	Baltic Sea
KM096165	KF387	<i>Hypocreales</i> sp.	<i>Illosporium carneum</i>	sediment	Baltic Sea
KM096166	KF433	<i>Engyodontium album</i>	<i>Engyodontium album</i> NBRC 32828	animal-associated	Baltic S
KM096167	KF437	<i>Phaeosphaeriaceae</i> sp.	<i>Septoria nodorum</i> DAOM 215173	animal-associated	Baltic Sea
KM096168	KF446	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	animal-associated	Mediterranean Sea
KM096169	KF607	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	seawater	North Sea
KM096170	KF612	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	seawater	North Sea
KM096171	KF620	<i>Penicillium</i> sp.	<i>Penicillium camemberti</i>	seawater	North Sea
KM096172	KF648	<i>Penicillium</i> sp.	<i>Eupenicillium javanicum</i>	seawater	North Sea
KM096173	KF767	<i>Helicodendron paradoxum</i>	<i>Helicodendron paradoxum</i>	seawater	North Sea
KM096174	KF852	<i>Trichoderme</i> sp.	<i>Hypocrea muroiana</i>	seawater	North Sea

KM096175	KF869	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. CCF3812	seawater	North Sea
KM096176	KF970	<i>Lindgomycetaceae</i> sp.	uncultured fungus gene	sediment	North Sea
KM096177	KF976	<i>Plectosphaerellaceae</i> sp.	uncultured fungus gene	sediment	North Sea
KM096178	LF063	<i>Cladosporium</i> sp.	<i>Cladosporium cladosporioides</i> isolate AFTOL-ID #1289	animal-associated	Mediterranean Sea
KM096179	LFM183	<i>Pleosporales</i> sp.	<i>Cucurbitaria elongata</i> isolate AFTOL-ID #1568	animal-associated	Mediterranean Sea
KM096180	LF184	<i>Cladosporium</i> sp.	<i>Cladosporium cladosporioides</i> strain UPSC 1657	animal-associated	Mediterranean Sea
KM096181	LF212	<i>Geosmithia putterillii</i>	<i>Geosmithia putterillii</i>	animal-associated	Mediterranean Sea
KM096182	LF213	<i>Hypocreales</i> sp.	<i>Nectria lugdunensis</i> strain CS-950	animal-associated	Mediterranean Sea
KM096183	LF240	<i>Pleosporaceae</i> sp.	<i>Embellisia</i> sp. DAR74619	animal-associated	Mediterranean Se
KM096184	LF244	<i>Cladosporium</i> sp.	<i>Cladosporium cladosporioides</i> isolate AFTOL-ID #1289	animal-associated	Mediterranean Se
KM096185	LF248	<i>Sclerotiniaceae</i> sp.	<i>Botryotinia fuckeliana</i> isolate AFTOL-ID 59	animal-associated	Mediterranean Sea
KM096186	LF255	<i>Alternaria</i> sp.	<i>Alternaria alternata</i> AA6 nuclear	animal-associated	Mediterranean Sea
KM096187	LF257	<i>Cladosporium</i> sp.	<i>Cladosporium cladosporioides</i> strain UPSC 1657	animal-associated	Mediterranean Sea
KM096188	LF258	<i>Phaeosphaeriaceae</i> sp.	<i>Phaeosphaeria anchiala/avenaria</i>	animal-associated	Mediterranean Sea
KM096189	LF384	<i>Geosmithia putterillii</i>	<i>Geosmithia putterillii</i>	animal-associated	Mediterranean Se
KM096190	LF385	<i>Geosmithia putterillii</i>	<i>Geosmithia putterillii</i>	animal-associated	Mediterranean Sea
KM096191	LF387	<i>Aspergillus versicolor</i>	<i>Aspergillus versicolor</i>	animal-associated	Mediterranean Sea
KM096192	LF389	<i>Acremonium antarcticum</i>	uncultured fungus gene	animal-associated	Mediterranean Sea
KM096193	LF562	<i>Engyodontium</i> sp.	<i>Tritirachium</i> sp. IAM 14522	animal-associated	Mediterranean Sea
KM096194	LF580	<i>Scopulariopsis brevicaulis</i>	<i>Scopulariopsis brevicaulis</i> strain NCPF 2177	animal-associated	Mediterranean Sea
KM096195	LF617	<i>Phoma</i> sp.	<i>Phoma</i> sp. Y3EG-2010	animal-associated	Mediterranean Sea
KM096196	LF691	<i>Corollospora</i> sp.	<i>Culcitalna achraspora</i>	seawater	North Sea
KM096197	LF693	<i>Corollospora</i> sp.	<i>Culcitalna achraspora</i>	sediment	North Sea
KM096198	LF729	<i>Cirrenalia macrocephala</i>	<i>Cirrenalia macrocephala</i>	detritus	North Sea
KM096199	LF743	<i>Debaryomycetaceae</i> sp.	<i>Pichia guilliermondii</i>	sediment	North Sea
KM096200	LF747	<i>Corollospora quinqueseptata</i>	<i>Culcitalna achraspora</i>	sediment	North Sea
KM096201	LF750	<i>Hypocreales</i> sp.	<i>Nectria lugdunensis</i>	sediment	North Sea
KM096202	LF755	<i>Hypocreales</i> sp.	<i>Nectria lugdunensis</i>	sediment	North Sea
KM096203	LF756	<i>Corollospora</i> sp.	<i>Culcitalna achraspora</i>	sediment	North Sea
KM096204	LF759	<i>Microascaceae</i> sp.	<i>Petriella setifera</i>	detritus	North Sea
KM096205	LF769	<i>Fusarium</i> sp.	<i>Fusarium</i> sp.	sediment	North Sea
KM096206	LF771	<i>Lulworthia fucicola</i>	<i>Lulworthia fucicola</i>	sediment	North Sea
KM096207	LF774	<i>Lulworthia fucicola</i>	<i>Lulworthia fucicola</i>	sediment	North Sea
KM096208	LF776	<i>Lulworthia fucicola</i>	<i>Lulworthia fucicola</i>	sediment	North Sea
KM096209	LF787	<i>Saccharomycetales</i> sp.	<i>Pichia guilliermondii</i>	sediment	North Sea
KM096210	LF797	<i>Lulworthia fucicola</i>	<i>Lulworthia fucicola</i>	sediment	North Sea
KM096211	LF801	<i>Saccharomycetales</i> sp.	<i>Pichia guilliermondii</i>	sediment	North Sea
KM096212	LF813	<i>Corollospora lacera</i>	<i>Culcitalna achraspora</i>	sediment	North Sea
KM096213	LF823	<i>Microascus cirrosus</i>	<i>Microascus cirrosus</i>	sediment	North Sea
KM096214	LF825	<i>Plectosphaerellaceae</i> sp.	<i>Verticillium dahliae</i>	detritus	North Sea
KM096215	LF826	<i>Leotiomycetes</i> sp.	<i>Bulgaria inquinans</i>	sediment	North Sea
KM096216	LF830	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096217	LF832	<i>Microascales</i> sp.	<i>Humicola</i> sp.	sediment	North Sea
KM096218	LF834	<i>Lulworthia uniseptata</i>	<i>Lulworthia uniseptata</i>	seawater	na
KM096219	LF845	<i>Scytalidium lignicola</i>	<i>Scytalidium lignicola</i>	sediment	North Sea
KM096220	LF847	<i>Lulworthia</i> cf. <i>purpurea</i>	<i>Lulworthia</i> sp.	sediment	North Atlantic Ocean
KM096221	LF848	<i>Lulworthia uniseptata</i>	<i>Lulworthia uniseptata</i>	sediment	North Atlantic Ocean
KM096222	LF853	<i>Penicillium</i> sp.	<i>Penicillium</i> sp.	na	Southern Ocean
KM096223	LF886	<i>Pleosporales</i> sp.	<i>Paraconiothyrium variabile</i>	na	Southern Ocean
KM096224	LF896	<i>Hypocreales</i> sp.	<i>Stilbocrea macrostoma</i>	na	Southern Ocean
KM096225	LF926	<i>Arthrimum arundinis</i>	<i>Apiospora montagnei</i>	na	Southern Ocean
KM096226	LF928	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	na	Southern Ocean

KM096227	LF980	<i>Rhodotorula lysiniphila</i>	<i>Rhodotorula lysiniphila</i>	na	Southern Ocean
KM096228	MF227	<i>Aureobasidium pullulans</i>	<i>Aureobasidium pullulans</i>	sediment	na
KM096229	MF228	<i>Tilletiopsis albescens</i>	<i>Tilletiopsis albescens</i>	seawater	na
KM096230	MF229	<i>Aspergillus versicolor</i>	<i>Aspergillus versicolor</i>	sediment	na
KM096231	MF230	<i>Ophiosphaerella herpotricha</i>	<i>Ophiosphaerella herpotricha</i>	sediment	na
KM096232	MF238	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096233	MF270	<i>Phaeosphaeria</i> sp.	uncultured fungus gene clone A_3_66	sediment	North Sea
KM096234	MF277	<i>Doratomyces stemonitis</i>	<i>Doratomyces stemonitis</i>	sediment	North Sea
KM096235	MF278	<i>Doratomyces stemonitis</i>	<i>Doratomyces stemonitis</i>	sediment	North Sea
KM096236	MF376	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. 12-02	sediment	North Sea
KM096237	MF377	<i>Pleosporaceae</i> sp.	<i>Embellisia</i> sp. DAR 74619	sediment	North Sea
KM096238	MF378	<i>Alternaria</i> sp.	<i>Alternaria alternata</i>	sediment	North Sea
KM096239	MF381	<i>Epicoccum nigrum</i>	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096240	MF382	<i>Alternaria</i> sp.	<i>Alternaria alternata</i>	sediment	North Sea
KM096241	MF385	<i>Pleosporales</i> sp.	<i>Pleosporales</i> sp. GFL014	sediment	North Sea
KM096242	MF386	<i>Pleosporales</i> sp.	<i>Pleosporales</i> sp. GFL014#	sediment	North Sea
KM096243	MF388	<i>Pyrenochaeta</i> sp.	<i>Pyrenochaeta</i> sp. GMG PPb7	sediment	North Sea
KM096244	MF391	<i>Embellisia</i> sp.	<i>Embellisia</i> sp. DAR 74619	sediment	North Sea
KM096245	MF392	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096246	MF393	<i>Fusarium culmorum</i>	<i>Fusarium culmorum</i>	sediment	North Sea
KM096247	MF394	<i>Fusarium</i> sp.	<i>Fusarium</i> sp. 13002	sediment	North Sea
KM096248	MF395	<i>Fusarium</i> sp.	<i>Fusarium</i> sp. FW2PhC1	sediment	North Sea
KM096249	MF396	<i>Penicillium citrinum</i>	<i>Penicillium</i> sp. CTCC 480032	animal-associated	South Pacific Ocean
KM096250	MF399	<i>Penicillium citrinum</i>	<i>Penicillium</i> sp. CTCC 480032	animal-associated	South Pacific Ocean
KM096251	MF408	<i>Penicillium citrinum</i>	<i>Penicillium</i> sp. CTCC 480032	animal-associated	South Pacific Ocean
KM096252	MF410	<i>Penicillium citrinum</i>	<i>Penicillium</i> sp. CTCC 480032	animal-associated	South Pacific Ocean
KM096253	MF419	<i>Byssochlamys spectabilis</i>	<i>Paecilomyces variotii</i>	animal-associated	South Pacific Ocean
KM096254	MF423	<i>Byssochlamys spectabilis</i>	<i>Paecilomyces variotii</i>	animal-associated	South Pacific Ocean
KM096255	MF424	<i>Byssochlamys spectabilis</i>	<i>Paecilomyces variotii</i>	animal-associated	South Pacific Ocean
KM096256	MF430	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096257	MF431	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096258	MF432	<i>Microdochium nivale</i>	<i>Microdochium nivale</i>	sediment	North Sea
KM096259	MF433	<i>Plectosphaerellaceae</i> sp.	uncultured fungus gene	sediment	North Sea
KM096260	MF435	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096261	MF436	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096262	MF438	<i>Arthrinium</i> sp.	<i>Apiospora montagnei</i>	sediment	North Sea
KM096263	MF440	<i>Penicillium namyslowskii</i>	<i>Penicillium namyslowskii</i>	sediment	North Sea
KM096264	MF441	<i>Kirschsteiniothelia elaterascus</i>	<i>Kirschsteiniothelia elaterascus</i>	sediment	North Sea
KM096265	MF444	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096266	MF445	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096267	MF446	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096268	MF447	<i>Cladosporium</i> sp.	<i>Cladosporium bruhnei</i>	sediment	North Sea
KM096269	MF448	<i>Plectosphaerellaceae</i> sp.	uncultured fungus gene	sediment	North Sea
KM096270	MF449	<i>Penicillium</i> sp.	<i>Penicillium camemberti</i>	sediment	North Sea
KM096271	MF450	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096272	MF451	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096273	MF452	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096274	MF455	<i>Arthrinium</i> sp.	<i>Apiospora montagnei</i>	sediment	North Sea
KM096275	MF456	<i>Cladosporium</i> sp.	<i>Cladosporium bruhnei</i>	sediment	North Sea
KM096276	MF459	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096277	MF460	<i>Preussia</i> sp.	<i>Preussia terricola</i>	sediment	North Sea
KM096278	MF461	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea

KM096279	MF462	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096280	MF463	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. 1F	sediment	North Sea
KM096281	MF465	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096282	MF466	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096283	MF467	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096284	MF468	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096285	MF470	<i>Chaetomium</i> sp.	<i>Chaetomium</i> sp. 15002	sediment	North Sea
KM096286	MF471	<i>Preussia</i> sp.	<i>Preussia terricola</i>	sediment	North Sea
KM096287	MF472	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096288	MF474	<i>Hypocreaceae</i> sp.	<i>Hypocrea muroiana</i>	sediment	North Sea
KM096289	MF475	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096290	MF476	<i>Sordariales</i> sp.	<i>Madurella mycetomatis</i>	sediment	North Sea
KM096291	MF477	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096292	MF478	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096293	MF479	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096294	MF482	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096295	MF484	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096296	MF485	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096297	MF486	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096298	MF487	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096299	MF488	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096300	MF489	<i>Hypocreales</i> sp.	<i>Nectria lugdonensis</i>	sediment	North Sea
KM096301	MF490	<i>Penicillium</i> sp.	<i>Penicillium camemberti</i>	sediment	North Sea
KM096302	MF492	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096303	MF493	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096304	MF494	<i>Hypocreales</i> sp.	<i>Elaphocordyceps ophioglossoides</i>	sediment	North Sea
KM096305	MF495	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096306	MF496	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096307	MF497	<i>Acremonium sclerotigenum</i>	<i>Acremonium sclerotigenum</i>	sediment	North Sea
KM096308	MF498	<i>Geomyces</i> sp.	<i>Geomyces</i> sp. P7	sediment	North Sea
KM096309	MF502	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096310	MF503	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096311	MF504	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096312	MF505	<i>Doratomyces stemonitis</i>	<i>Doratomyces stemonitis</i>	sediment	North Sea
KM096313	MF506	<i>Geomyces</i> sp.	<i>Geomyces</i> sp. P7	sediment	North Sea
KM096314	MF507	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096315	MF508	<i>Penicillium</i> sp.	<i>Penicillium tardum</i>	sediment	North Sea
KM096316	MF509	<i>Penicillium</i> sp.	<i>Penicillium brevicompactum</i>	sediment	North Sea
KM096317	MF510	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096318	MF511	<i>Fusarium</i> sp.	<i>Fusarium</i> sp. MBS1	sediment	North Sea
KM096319	MF512	<i>Pleosporales</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096320	MF513	<i>Penicillium</i> sp.	<i>Eupenicillium javanicum</i>	sediment	North Sea
KM096321	MF514	<i>Geomyces</i> sp.	<i>Geomyces destructans</i>	sediment	North Sea
KM096322	MF515	<i>Penicillium</i> sp.	<i>Penicillium expansum</i>	sediment	North Sea
KM096323	MF518	<i>Penicillium</i> sp.	<i>Eupenicillium javanicum</i>	sediment	North Sea
KM096324	MF520	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. 1F	sediment	North Sea
KM096325	MF521	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096326	MF522	<i>Penicillium namyslowskii</i>	<i>Penicillium namyslowskii</i>	sediment	North Sea
KM096327	MF523	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT308	sediment	North Sea
KM096328	MF524	<i>Penicillium</i> sp.	<i>Penicillium camemberti</i>	sediment	North Sea
KM096329	MF525	<i>Penicillium</i> sp.	<i>Penicillium</i> sp. GT-308	sediment	North Sea
KM096330	MF527	<i>Hypocreales</i> sp.	<i>Paecilomyces hepiali</i>	sediment	North Sea

KM096331	MF528	<i>Cladosporium</i> sp.	<i>Cladosporium</i> sp. CF-25	sediment	North Sea
KM096332	MF530	<i>Penicillium</i> sp.	<i>Penicillium chrysogenum</i>	sediment	North Sea
KM096333	MF532	<i>Arthrinium</i> sp.	<i>Apiospora montagnei</i>	sediment	North Sea
KM096334	MF533	<i>Pochonia suchlasporia</i>	<i>Pochonia suchlasporia</i>	sediment	North Sea
KM096335	MF534	<i>Eurotium</i> sp.	<i>Eurotium herbariorum</i>	sediment	North Sea
KM096336	MF535	<i>Cladosporium</i> sp.	<i>Cladosporium</i> sp. CF-25	sediment	North Sea
KM096337	MF538	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096338	MF540	<i>Nectriaceae</i> sp.	<i>Gibberella fujikuroi</i>	sediment	North Sea
KM096339	MF541	<i>Nectriaceae</i> sp.	<i>Gibberella fujikuroi</i>	sediment	North Sea
KM096340	MF542	<i>Nectriaceae</i> sp.	<i>Gibberella fujikuroi</i>	sediment	North Sea
KM096341	MF543	<i>Acremonium sclerotigenum</i>	<i>Acremonium sclerotigenum</i>	sediment	North Sea
KM096342	MF544	<i>Aspergillus versicolor</i>	<i>Aspergillus versicolor</i>	sediment	North Sea
KM096343	MF545	<i>Aspergillus versicolor</i>	<i>Aspergillus versicolor</i>	sediment	North Sea
KM096344	MF546	<i>Aspergillus versicolor</i>	<i>Aspergillus versicolor</i>	sediment	North Sea
KM096345	MF547	<i>Acremonium sclerotigenum</i>	<i>Acremonium sclerotigenum</i>	sediment	North Sea
KM096346	MF548	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096347	MF549	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096348	MF550	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096349	MF551	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096350	MF552	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096351	MF553	<i>Pleosporales</i> sp.	<i>Cochliobolus kusanoi</i>	sediment	North Sea
KM096352	MF554	<i>Tetracladium</i> sp.	Uncultured Ascomycota clone Pa2007C1	sediment	North Sea
KM096353	MF555	<i>Penicillium</i> sp.	<i>Penicillium tardum</i>	sediment	North Sea
KM096354	MF557	<i>Aspergillus versicolor</i>	<i>Aspergillus versicolor</i>	sediment	North Sea
KM096355	MF560	<i>Paraphaeosphaeria</i> sp.	<i>Paraphaeosphaeria</i> sp. E5-3C	sediment	North Sea
KM096356	MF563	<i>Nectriaceae</i> sp.	<i>Gibberella fujikuroi</i>	sediment	North Sea
KM096357	MF564	<i>Chaetomium globosum</i>	<i>Chaetomium globosum</i>	sediment	North Sea
KM096358	MF565	<i>Pleosporales</i> sp.	<i>Phoma herbarum</i>	sediment	North Sea
KM096359	MF568	<i>Nectriaceae</i> sp.	<i>Gibberella fujikuroi</i>	sediment	North Sea
KM096360	MF569	<i>Geomyces</i> sp.	<i>Geomyces</i> sp. WNF-15A	sediment	North Sea
KM096361	MF570	<i>Doratomyces stemonitis</i>	<i>Doratomyces stemonitis</i>	sediment	North Sea
KM096362	MF571	<i>Cladosporium</i> sp.	<i>Cladosporium</i> sp. CF-25	sediment	North Sea
KM096363	MF572	<i>Microascus cirrosus</i>	<i>Microascus cirrosus</i>	sediment	North Sea
KM096364	MF573	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096365	MF574	<i>Penicillium</i> sp.	<i>Eupenicillium javanicum</i>	sediment	North Sea
KM096366	MF575	<i>Chaetomium elatum</i>	<i>Chaetomium elatum</i>	sediment	North Sea
KM096367	MF577	<i>Microdochium nivale</i>	<i>Microdochium nivale</i>	sediment	North Sea
KM096368	MF580	<i>Helotiales</i> sp.	<i>Leptodontidium orchidicola</i>	sediment	North Sea
KM096369	MF581	<i>Geomyces</i> sp.	<i>Geomyces</i> sp. P7	sediment	North Sea
KM096370	MF584	<i>Geomyces</i> sp.	<i>Geomyces</i> sp. P7	sediment	North Sea
KM096371	MF607	<i>Trichosporon laibachii</i>	<i>Trichosporon laibachii</i>	plant/algae-associated	China Sea
KM096372	MF608	<i>Pleosporales</i> sp.	<i>Phoma herbarum</i>	plant/algae-associated	China Sea
KM096373	MF609	<i>Penicillium verruculosum</i>	<i>Penicillium purpurogenum</i>	plant/algae-associated	China Sea
KM096374	MF610	<i>Pleosporales</i> sp.	<i>Phoma herbarum</i>	plant/algae-associated	China Sea

Abbreviation: No information available, na