

Search Details

Job Title/ Assay Name : 4751(ex)	Amplicon Sequence: CCCTTAACGAGGAACAAYTGGAGGGCAAGTCTGGTGCCAGCAGCC GCGGTAATTCCAGCTCCAATAGCGTATATT
Effective Date : 2025-08-25	Forward: CCCTTAACGAGGAACAATTGGA
Database : core_nt	Reverse: AATATACGCTATTGGAGCTGGAAT
Alignment algorithm : blastN	Probe: AGTCTGGTGCCAGCAGCCGC
Exclusive Organism: Fungi	Inclusive Organism:
RID: ARVUPD0Z015	Total Result: 5000
App Version: 1.0	

#Accessions	Oligo	Mutation	Impact
Myxilla cf. rosacea BELUM Mc5005/1342636 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Neopodospongia cf. normani BELUM Mc7767/1342639 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tedania cf. ferrolensis BELUM Mc5348/1342701 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
cf. Hymedesmia sp. BELUM Mc7791/1342719 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthamoeba/5754 Analyzed Accessions: 260			
260	Forward	G12T	Detected
Chlorella/3071 Analyzed Accessions: 153			
1	NA	No Mutations	Detected
152	Forward	A14T	Detected
Chlorella sorokiniana/3076 Analyzed Accessions: 108			
108	Forward	A14T	Detected
Chlorella vulgaris/3077 Analyzed Accessions: 99			
99	Forward	A14T	Detected
Halichondria/6061 Analyzed Accessions: 56			
56	NA	No Mutations	Detected
Paramoebidium/251740 Analyzed Accessions: 56			
40	NA	No Mutations	Detected
16	Forward	C1-, C2-	Detected
Nuclearia delicatula/154968 Analyzed Accessions: 55			
54	NA	No Mutations	Detected
1	Probe	C18G	Detected

#Accessions	Oligo	Mutation	Impact
Trebouxia/13786 Analyzed Accessions: 47			
47	Forward	A14T	Detected
Halichondria panicea/6063 Analyzed Accessions: 38			
38	NA	No Mutations	Detected
Dictyosphaerium/247496 Analyzed Accessions: 36			
36	Forward	A14T	Detected
Phytophthora infestans/4787 Analyzed Accessions: 32			
32	Forward	A14T	Detected
Aphelida sp./2316437 Analyzed Accessions: 32			
15	NA	No Mutations	Detected
9	Forward	C1-	Detected
7	Forward	C1-, C2-	Detected
1	Forward	A16C	Detected
Ichthyophonus/39842 Analyzed Accessions: 31			
28	NA	No Mutations	Detected
1	Forward	A7G	Detected
1	Reverse	C7T	Detected
1	Reverse	A4G	Detected
Coccomyxa/41891 Analyzed Accessions: 30			
30	Forward	A14T	Detected
Agelas/72714 Analyzed Accessions: 28			
27	NA	No Mutations	Detected
1	Reverse	A1-	Detected
Hymeniacion perlevis/177573 Analyzed Accessions: 28			
28	NA	No Mutations	Detected
Oblongichytrium/420539 Analyzed Accessions: 28			
28	Forward	A14T	Detected
Plakortis/86044 Analyzed Accessions: 27			
26	NA	No Mutations	Detected
1	Forward	A16G	Detected
Mycale laevis/698782 Analyzed Accessions: 27			
27	NA	No Mutations	Detected
Chloroidium saccharophilum/3082 Analyzed Accessions: 26			
26	Forward	A14T	Detected
Blastocystis/12967 Analyzed Accessions: 26			
25	Forward	C1-	Detected
1	Forward	A7T	Detected
Paracercomonas/372085 Analyzed Accessions: 25			

#Accessions	Oligo	Mutation	Impact
11	NA	No Mutations	Detected
3	Forward	A6G	Detected
10	Forward	A14T	Detected
1	Forward	G9A	Detected
Pseudococcomyxa simplex/464287 Analyzed Accessions: 25			
25	Forward	A14T	Detected
Nannochloris/3187 Analyzed Accessions: 24			
1	NA	No Mutations	Detected
23	Forward	A14T	Detected
Stichococcus/29646 Analyzed Accessions: 24			
24	Forward	A14T	Detected
Micractinium/126838 Analyzed Accessions: 24			
24	Forward	A14T	Detected
Ichthyophonus hoferi/39843 Analyzed Accessions: 23			
23	NA	No Mutations	Detected
Stichococcus bacillaris/37433 Analyzed Accessions: 21			
21	Forward	A14T	Detected
Miamiensis avidus/279580 Analyzed Accessions: 20			
20	Forward	C1-, C2-	Detected
Phyllospongia papyracea/279625 Analyzed Accessions: 19			
19	NA	No Mutations	Detected
Parachlorella kessleri/3074 Analyzed Accessions: 18			
18	Forward	A14T	Detected
Elliptochloris/381760 Analyzed Accessions: 18			
18	Forward	A14T	Detected
Phyllospongia foliascens/593584 Analyzed Accessions: 18			
18	NA	No Mutations	Detected
Ephydatia fluviatilis/31330 Analyzed Accessions: 17			
17	Forward	C1-	Detected
Elliptochloris subsphaerica/55403 Analyzed Accessions: 17			
17	Forward	A14T	Detected
Aplanochytrium/87110 Analyzed Accessions: 17			
17	Forward	A14T	Detected
Mertensia ovum/140496 Analyzed Accessions: 17			
17	NA	No Mutations	Detected
Nuclearia thermophila/517774 Analyzed Accessions: 17			
17	NA	No Mutations	Detected
Suberites/55566 Analyzed Accessions: 16			

#Accessions	Oligo	Mutation	Impact
4	NA	No Mutations	Detected
12	Forward	C1-	Detected
Halichondria bowerbanki/145470 Analyzed Accessions: 15			
15	NA	No Mutations	Detected
Aphelidiaceae sp./3036234 Analyzed Accessions: 15			
8	NA	No Mutations	Detected
7	Forward	C1-	Detected
Auxenochlorella protothecoides/3075 Analyzed Accessions: 14			
14	Forward	A14T	Detected
Haliclona/6057 Analyzed Accessions: 14			
14	NA	No Mutations	Detected
Muriella terrestris/75799 Analyzed Accessions: 14			
14	Forward	A14T	Detected
Strepsichordaia lendenfeldi/468353 Analyzed Accessions: 14			
14	NA	No Mutations	Detected
Sphaerothecum destruens/42893 Analyzed Accessions: 13			
13	Forward	C1-	Detected
Micractinium pusillum/126839 Analyzed Accessions: 13			
13	Forward	A14T	Detected
Polyfibrospongia flabellifera/1162746 Analyzed Accessions: 13			
13	NA	No Mutations	Detected
Monanchora arbuscula/283435 Analyzed Accessions: 12			
12	NA	No Mutations	Detected
Euplokamis/1128080 Analyzed Accessions: 12			
12	NA	No Mutations	Detected
Hamacantha/1688472 Analyzed Accessions: 12			
12	NA	No Mutations	Detected
Haliclona oculata/6058 Analyzed Accessions: 11			
10	NA	No Mutations	Detected
1	Forward	A16G	Detected
Nuclearia pattersoni/244253 Analyzed Accessions: 11			
10	NA	No Mutations	Detected
1	Reverse	A1-	Detected
Dictyosphaerium ehrenbergianum/745283 Analyzed Accessions: 11			
11	Forward	A14T	Detected
Chloroidium/1034479 Analyzed Accessions: 11			
11	Forward	A14T	Detected
Leucosolenia corallorrhiza/3053584 Analyzed Accessions: 11			

#Accessions	Oligo	Mutation	Impact
11	NA	No Mutations	Detected
Choricystis/41299 Analyzed Accessions: 10			
10	Forward	A14T	Detected
Nuclearia/154967 Analyzed Accessions: 10			
10	NA	No Mutations	Detected
Amphimedon compressa/178514 Analyzed Accessions: 10			
10	NA	No Mutations	Detected
Caligus rogercresseyi/217165 Analyzed Accessions: 10			
10	Forward	C3T	Detected
Topsentia/279594 Analyzed Accessions: 10			
10	NA	No Mutations	Detected
Plakinastrella/283416 Analyzed Accessions: 10			
10	NA	No Mutations	Detected
Sphaeroforma tapetis/1283839 Analyzed Accessions: 10			
10	NA	No Mutations	Detected
Xestospongia deweerdtiae/1581341 Analyzed Accessions: 10			
10	NA	No Mutations	Detected
Phytophthora capsici/4784 Analyzed Accessions: 9			
9	Forward	A14T	Detected
Axinella/12958 Analyzed Accessions: 9			
9	NA	No Mutations	Detected
Cestum veneris/12997 Analyzed Accessions: 9			
9	NA	No Mutations	Detected
Trebouxia jamesii/53267 Analyzed Accessions: 9			
9	Forward	A14T	Detected
Cinachyrella/76781 Analyzed Accessions: 9			
8	NA	No Mutations	Detected
1	Probe	T8C	Detected
Leucosolenia/86012 Analyzed Accessions: 9			
9	NA	No Mutations	Detected
Mycale/86015 Analyzed Accessions: 9			
9	NA	No Mutations	Detected
Haliclona xena/177572 Analyzed Accessions: 9			
9	NA	No Mutations	Detected
Spinularia/283552 Analyzed Accessions: 9			
6	NA	No Mutations	Detected
3	Forward	A14G	Detected
Diplosphaera/381755 Analyzed Accessions: 9			

#Accessions	Oligo	Mutation	Impact
9	Forward	A14T	Detected
Pseudostichococcus monallantoides/1293078 Analyzed Accessions: 9			
9	Forward	A14T	Detected
Leucosolenia variabilis/1820126 Analyzed Accessions: 9			
9	NA	No Mutations	Detected
Trebouxia impressa/13788 Analyzed Accessions: 8			
8	Forward	A14T	Detected
Mnemiopsis leidyi/27923 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Trebouxia arboricola/53268 Analyzed Accessions: 8			
8	Forward	A14T	Detected
Axinella verrucosa/237119 Analyzed Accessions: 8			
3	NA	No Mutations	Detected
4	Reverse	A1-	Detected
1	Probe	A1G	Detected
Ircinia felix/275432 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Tedania ignis/278976 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Rhabdastrella globostellata/473528 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Pseudostichococcus/1293077 Analyzed Accessions: 8			
8	Forward	A14T	Detected
Bathocyroe fosteri/1566675 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Trebouxia cretacea/1740237 Analyzed Accessions: 8			
8	Forward	A14T	Detected
Dermocystidium anguillae/2746512 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Oceanapia bartschi/2849248 Analyzed Accessions: 8			
8	NA	No Mutations	Detected
Edaphochlorella mirabilis/3083 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Babesia/5864 Analyzed Accessions: 7			
5	NA	No Mutations	Detected
2	Forward	C1-, C2-	Detected
Spongilla lacustris/6055 Analyzed Accessions: 7			
7	Forward	C1-	Detected

#Accessions	Oligo	Mutation	Impact
Beroe ovata/10201 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Acanthamoeba lenticulata/29196 Analyzed Accessions: 7			
7	Forward	G12T	Detected
Scopalina ruetzleri/85795 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Diclostera acutatus/91190 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Lampocteis cruentiventer/127145 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Diplosphaera chodatii/152768 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Nuclearia moebiusi/154969 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Pseudochlorella signiensis/173497 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Dysidea/190526 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Myrmekioderma/237137 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Acanthamoeba jacobsoni/238784 Analyzed Accessions: 7			
7	Forward	G12T	Detected
Enterobryus/251716 Analyzed Accessions: 7			
6	NA	No Mutations	Detected
1	Forward	C1-	Detected
Amphibiocystidium/265894 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Cliona celata/269049 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Prosuberites laughlini/283560 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Halophytophthora avicenniae/289610 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Agelas citrina/333316 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Dracopis mexicanum/361193 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Diophrys scutum/367938 Analyzed Accessions: 7			

#Accessions	Oligo	Mutation	Impact
7	Forward	A14T	Detected
Mycale laxissima/458504 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Neocystis brevis/1065496 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Coccomyxa viridis/1274662 Analyzed Accessions: 7			
7	Forward	A14T	Detected
Lycopodina/1924464 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Neophrissospongia galapagoensis/2137261 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Halichondria sitiens/2305714 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Thigmothrix strigosa/2716626 Analyzed Accessions: 7			
7	Reverse	T12C	Detected
Halichondria loma/3063791 Analyzed Accessions: 7			
7	NA	No Mutations	Detected
Phytophthora/4783 Analyzed Accessions: 6			
6	Forward	A14T	Detected
Pythium/4797 Analyzed Accessions: 6			
1	Reverse	A1-	Detected
5	Forward	A14T	Detected
Geodia neptuni/36754 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Clathrina/45128 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Clathria reinwardti/81540 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Saprolegnia parasitica/101203 Analyzed Accessions: 6			
6	Forward	A14T	Detected
Myrmecia/114064 Analyzed Accessions: 6			
6	Forward	A14T	Detected
Urocentrum/122941 Analyzed Accessions: 6			
6	Forward	C1-, C2-	Detected
Leucothea pulchra/140477 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Cryptocaryon irritans/153251 Analyzed Accessions: 6			
6	Forward	A7T	Detected

#Accessions	Oligo	Mutation	Impact
Lamellodysidea/279618 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Smenospongia/289408 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Ceratoporella nicholsoni/333328 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Cinachyrella kuekenthali/458489 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Micractinium conductrix/554055 Analyzed Accessions: 6			
6	Forward	A14T	Detected
Hindakia tetrachotoma/554067 Analyzed Accessions: 6			
6	Forward	A14T	Detected
Dragnacodon reticulatum/721052 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Plakinastrella onkodes/942012 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Lepeophtheirus zbigniewi/1366470 Analyzed Accessions: 6			
6	Forward	C3T	Detected
Paralagenidium karlingii/1440115 Analyzed Accessions: 6			
6	Forward	A14T	Detected
Isodictya palmata/1545969 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Eurhamphaea vexilligera/2038148 Analyzed Accessions: 6			
6	NA	No Mutations	Detected
Schminkepinella/2586261 Analyzed Accessions: 6			
6	Forward	C3T	Detected
Crambe crambe/3722 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Eimeria/5800 Analyzed Accessions: 5			
4	Forward	C1-	Detected
1	Forward	A7C	Detected
Babesia bovis/5865 Analyzed Accessions: 5			
3	NA	No Mutations	Detected
2	Forward	C1-, C2-	Detected
Ephydatia muelleri/6052 Analyzed Accessions: 5			
5	Forward	C1-	Detected
Dictyonella/6068 Analyzed Accessions: 5			
5	NA	No Mutations	Detected

#Accessions	Oligo	Mutation	Impact
Tethya/34493 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Choricystis parasitica/41300 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Chloroidium ellipsoideum/63676 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Lobosphaera/63682 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Clathria/81539 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Aphanomyces euteiches/100861 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Phytopythium helicoides/126844 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Beroe forskalii/140453 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Pleurobrachia pileus/140457 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Ocyropsis crystallina/140480 Analyzed Accessions: 5			
5	Probe	T3C	Detected
Thalassocalyce inconstans/140487 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Vallicula multiformis/140489 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Raphidonema sempervirens/154508 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Xestospongia testudinaria/178554 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Thenea/281724 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Iotrochota birotulata/283497 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Agelas clathrodes/313630 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Agelas sventres/333314 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Svenzea zeai/458517 Analyzed Accessions: 5			
5	NA	No Mutations	Detected

#Accessions	Oligo	Mutation	Impact
Creolimax fragrantissima/470921 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Chtonobdella whitmani/480255 Analyzed Accessions: 5			
5	Forward	A14C	Detected
Craniella/496416 Analyzed Accessions: 5			
4	NA	No Mutations	Detected
1	Reverse	A4C	Detected
Chlorella variabilis/554065 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Mycale grandis/564368 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Neopetrosia/595364 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Cerataulina pelagica/1003031 Analyzed Accessions: 5			
5	Forward	A7T	Detected
Biemna caribea/1183866 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Sphaeroforma nootkatensis/1283838 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Petrosia weinbergi/1336823 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Svenzea cristinae/1336886 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Neoergasilus japonicus/1795234 Analyzed Accessions: 5			
5	Forward	C3T	Detected
Coeloplana meteoris/1820128 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Deuterostichococcus epilithicus/2710713 Analyzed Accessions: 5			
5	Forward	A14T	Detected
Chalinula zeae/2849252 Analyzed Accessions: 5			
5	NA	No Mutations	Detected
Longipedia koreana/2879482 Analyzed Accessions: 5			
5	Forward	C3T	Detected
Hymeniacion actites/3293248 Analyzed Accessions: 5			
5	Forward	C1-	Detected
Momordica charantia/3673 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Geodia/6046 Analyzed Accessions: 4			

#Accessions	Oligo	Mutation	Impact
4	NA	No Mutations	Detected
Hymeniacion/6065 Analyzed Accessions: 4			
2	NA	No Mutations	Detected
2	Forward	A14T	Detected
Jaagichlorella luteoviridis/31301 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Labyrinthula/35133 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Dermocystidium/39436 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Cercomonas/45109 Analyzed Accessions: 4			
1	NA	No Mutations	Detected
2	Forward	A14T	Detected
1	Forward	A6G	Detected
Lembadion/54107 Analyzed Accessions: 4			
4	Forward	C1-, C2-	Detected
Sphaeroforma arctica/72019 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Lepeophtheirus/72035 Analyzed Accessions: 4			
4	Forward	C3T	Detected
Nannochloris bacillaris/76111 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Vetulina stalactites/81523 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Closteriopsis acicularis/82138 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Urocentrum turbo/122942 Analyzed Accessions: 4			
4	Forward	C1-, C2-	Detected
Lampocteis/127144 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Ocyropsis maculata/140483 Analyzed Accessions: 4			
4	Probe	T3C	Detected
Axinella corrugata/153946 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Amastigomonas/172821 Analyzed Accessions: 4			
3	NA	No Mutations	Detected
1	Forward	C1-	Detected
Prasiola crispa/173492 Analyzed Accessions: 4			

#Accessions	Oligo	Mutation	Impact
4	Forward	A14T	Detected
Callyspongia plicifera/178539 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Watanabea/191672 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Capsaspora owczarzaki/192875 Analyzed Accessions: 4			
4	Forward	A7T	Detected
Coccomyxa subellipsoidea/248742 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Vaceletia/269035 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Ircinia/275431 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Haliclona fascigera/281038 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Topsentia ophiraphidites/281489 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Philasterides dicentrarchi/282688 Analyzed Accessions: 4			
4	Forward	C1-, C2-	Detected
Aciculites/283584 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Cliona varians/297654 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Annona hybrid cultivar/301863 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Xestospongia proxima/344319 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Hymeniacion sinapium/364019 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Dinemoura latifolia/389324 Analyzed Accessions: 4			
4	Forward	C3T	Detected
Siphonochalina/412817 Analyzed Accessions: 4			
2	NA	No Mutations	Detected
2	Reverse	A1-	Detected
Attheya longicornis/451786 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Ectyoplasia ferox/458493 Analyzed Accessions: 4			
4	Forward	C1-	Detected

#Accessions	Oligo	Mutation	Impact
Ircinia strobilina/467775 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Protostelium mycophagum/472931 Analyzed Accessions: 4			
4	Forward	C1-, C2-	Detected
Haemadipsa interrupta/480263 Analyzed Accessions: 4			
4	Forward	A14C	Detected
Paracyclopina nana/565004 Analyzed Accessions: 4			
4	Forward	C3T	Detected
Micractinium inermum/619280 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Spirastrella coccinea/666328 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Meyerella/683363 Analyzed Accessions: 4			
3	Forward	A14T	Detected
1	Forward	A14T	Detected
	Reverse	A1-	
Desmapsamma anchorata/698789 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Phytopythium kandeliae/707994 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Halophytophthora vesicula/758760 Analyzed Accessions: 4			
2	NA	No Mutations	Detected
2	Forward	A14T	Detected
Erylus formosus/942164 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Tentorium/942698 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Salispina spinosa/980197 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Compactochlorella kochii/1065488 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Hyrtios proteus/1162750 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Cinachyra barbata/1199250 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Neocystis mucosa/1266559 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Mycale alagoana/1325599 Analyzed Accessions: 4			

#Accessions	Oligo	Mutation	Impact
4	NA	No Mutations	Detected
Ciliophora sp./1892383 Analyzed Accessions: 4			
4	Forward	C1-, C2-	Detected
Oncaea notopus/2056983 Analyzed Accessions: 4			
4	Forward	C3T	Detected
Chlorophyta sp./2448168 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Paraphelidium tribonematis/2548444 Analyzed Accessions: 4			
4	Forward	C1-, C2-	Detected
Chlorophyta sp. EP-2019/2579161 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Micractinium simplicissimum/2607983 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Prasiolales sp./2812595 Analyzed Accessions: 4			
4	Forward	A14T	Detected
Amphimedon complanata/2849250 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Siphonodictyon xamaycaense/2849254 Analyzed Accessions: 4			
4	Forward	C1-	Detected
Smenospongia conulosa/2849255 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Siphonodictyon brevitubulatum/2849621 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Leucetta/3045828 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Levantiniella levantinensis/3297340 Analyzed Accessions: 4			
4	NA	No Mutations	Detected
Chlamydomonas/3052 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Pseudochlorella pringsheimii/3072 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Auxenochlorella pyrenoidosa/3078 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Saprolegnia/4769 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Amoebidium parasiticum/4881 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Dictyonella incisa/6069 Analyzed Accessions: 3			

#Accessions	Oligo	Mutation	Impact
3	NA	No Mutations	Detected
Beroe/10199 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Axinella polypoides/12959 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Annona/13336 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Annona muricata/13337 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Pleurobrachia/34498 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Pleurobrachia bachei/34499 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Petrosia/68563 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Axinella damicornis/72671 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Agelas oroides/72715 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Undaria pinnatifida/74381 Analyzed Accessions: 3			
1	NA	No Mutations	Detected
1	Forward	C1-	Detected
1	Forward	A14T	Detected
Swartschewskia papyracea/75886 Analyzed Accessions: 3			
3	Forward	C1-	Detected
Suberites ficus/86007 Analyzed Accessions: 3			
1	NA	No Mutations	Detected
2	Forward	C1-	Detected
Vannella/95228 Analyzed Accessions: 3			
3	Forward	G12T	Detected
Muriella/114063 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Grantiopsis/114241 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Oscarella/121493 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Phytophthora porri/129359 Analyzed Accessions: 3			
3	Forward	A14T	Detected

#Accessions	Oligo	Mutation	Impact
Haliphthoros/135472 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Oithona/136190 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Phytophthora tropicalis/137729 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Chlorosarcinopsis/138174 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Beroe gracilis/140454 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Bolinopsis infundibulum/140455 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Charistephane fugiens/140462 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Nuclearia simplex/154970 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Eremosphaera viridis/163307 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Amphimedon/178513 Analyzed Accessions: 3			
2	NA	No Mutations	Detected
1	Reverse	A1-, A2-	Detected
Callyspongia/178537 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Haliclona cinerea/178541 Analyzed Accessions: 3			
2	NA	No Mutations	Detected
1	Reverse	A1-, A2-	Detected
Xestospongia muta/178552 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Desmococcus olivaceus/187459 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Lycogala flavofuscum/211107 Analyzed Accessions: 3			
2	NA	No Mutations	Detected
1	Forward	A14T	Detected
Sinergasilus undulatus/232572 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Axinyssa/237149 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Didymogenes anomala/247499 Analyzed Accessions: 3			

#Accessions	Oligo	Mutation	Impact
3	Forward	A14T	Detected
Parachlorella/247501 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Parachlorella beijerinckii/247502 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Eccrinidus flexilis/251728 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Timea/269051 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Lamellodysidea chlorea/279620 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Tethya aurantium/281732 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Tethya californiana/283519 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Axos cliftoni/283613 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Spheciospongia vesparium/295237 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Baikalospongia intermedia/302453 Analyzed Accessions: 3			
3	Forward	C1-	Detected
Lobosphaera incisa/312850 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Beroe abyssicola/320166 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Ergasilus/342413 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Oncaea/349674 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Diophrys oligothrix/367937 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Elliptochloris bilobata/381761 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Pseudochlorella pyrenoidosa/420354 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Askenasia/457373 Analyzed Accessions: 3			
3	Forward	C1-, C2-	Detected
Halichondria magniconulosa/458495 Analyzed Accessions: 3			

#Accessions	Oligo	Mutation	Impact
3	NA	No Mutations	Detected
Haliclona tubifera/458498 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Cribrochalina vasculum/459969 Analyzed Accessions: 3			
2	NA	No Mutations	Detected
1	Forward	C3G	Detected
Hyrtios violaceus/460929 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Coccomyxa parasitica/482347 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Craniella australiensis/496417 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Stenamoeba/497345 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Canuella perplexa/509927 Analyzed Accessions: 3			
2	Forward	C1-	Detected
1	Forward	C3T	Detected
Hyalopontius typicus/588344 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Neopetrosia subtriangularis/595385 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Elliptochloris perforata/631446 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Cinachyrella alloclada/666329 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Salisapilia bahamensis/758755 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Kalenjinia gelatinosa/797641 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Chalinula loosanoffi/860360 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Parachlorella hussii/860428 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Cinachyrella schulzei/885871 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Phytopythium vexans/907947 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Plakortis halichondrioides/908214 Analyzed Accessions: 3			

#Accessions	Oligo	Mutation	Impact
3	NA	No Mutations	Detected
Dioithona oculata/938105 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Cladocroce/1091093 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Lissodendoryx colombiensis/1131260 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Cacospongia mycofijiensis/1162744 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Dactylospongia elegans/1162779 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Ute aff. syconoides OV-2012/1169956 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Dercitus luteus/1183868 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Halichondria melanadocia/1183870 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Microscleroderma/1183874 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Clathria prolifera/1190602 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Craniella cf. leptoderma AS-2012/1200910 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Multimonas media/1314683 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Clathria spinosa/1336811 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Myxilla fimbriata/1336820 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Siphonodictyon coralliphagum/1336945 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Coccomyxa cf. pringsheimii TF-2013/1411914 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Laporteia aestuans/1475415 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Coccomyxa galuniae/1487873 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Valentines rwandae/1592763 Analyzed Accessions: 3			

#Accessions	Oligo	Mutation	Impact
3	NA	No Mutations	Detected
Sphaeroforma napiecek/1618200 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Sphaeroforma sirkka/1618205 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Chlorella thermophila/1812861 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Salispina intermedia/1861792 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Paramoebidium curvum/1882215 Analyzed Accessions: 3			
2	NA	No Mutations	Detected
1	Forward	C1-	Detected
Leidyomyces/1882353 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Liosina blastifera/2025860 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Cyclopinella/2031108 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Thismia brunneomitra/2479809 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Bicosoecida sp./2588868 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Hase/2652039 Analyzed Accessions: 3			
3	Forward	C3T	Detected
Muranothrix gubernata/2716605 Analyzed Accessions: 3			
3	Reverse	T12C	Detected
Polyfibrosporgia kulit/2779654 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Petrosia pellarca/2849249 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Timea micraster/2849253 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Pachychalina tenera/2849256 Analyzed Accessions: 3			
3	NA	No Mutations	Detected
Edaphochloris andrejevii/2913436 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Velamen paralellum/2930371 Analyzed Accessions: 3			
3	NA	No Mutations	Detected

#Accessions	Oligo	Mutation	Impact
Chlorellaceae sp./2941158 Analyzed Accessions: 3			
3	Forward	A14T	Detected
Phytophthora cinnamomi/4785 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Acanthamoeba castellanii/5755 Analyzed Accessions: 2			
2	Forward	G12T	Detected
Babesia bigemina/5866 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Spongilla/6054 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Capreolus capreolus/9858 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Haemadipsa sylvestris/13555 Analyzed Accessions: 2			
2	Forward	A14C	Detected
Sycon ciliatum/27933 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Theonella swinhoei/37505 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Dermocystidium salmonis/39438 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Apusomonas proboscidea/41120 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Salicornia bigelovii/46105 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Forward	C1-, C2-	Detected
Annona cherimola/49314 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Actinastrum hantzschii/55402 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Pseudochlorella/63681 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Planoprotostelium aurantium/65008 Analyzed Accessions: 2			
2	Forward	C1-, C2-	Detected
Acanthamoeba hatchetti/65660 Analyzed Accessions: 2			
2	Forward	G12T	Detected
Asbestopluma/68560 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Petrobionta massiliana/68578 Analyzed Accessions: 2			

#Accessions	Oligo	Mutation	Impact
2	NA	No Mutations	Detected
Theileria orientalis/68886 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Forward	C1-, C2-	Detected
Corallistes/73793 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Discodermia/73795 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Lubomirskia abietina/75884 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Globisporangium splendens/82926 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Globisporangium violae/82952 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Eunapius/83848 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Baikalospongia bacillifera/83851 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Mycale fibrexilis/86016 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Rhinosporidium seeberi/90339 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Marvania/97104 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Aphanomyces/100860 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Aphanomyces astaci/112090 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Forward	A14T	Detected
Myxilla incrustans/118321 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Aphanomyces stellatus/120398 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Corticium/121491 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Halophytophthora/127445 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Phytophthora colocasiae/129350 Analyzed Accessions: 2			

#Accessions	Oligo	Mutation	Impact
2	Forward	A14T	Detected
Phytophthora heveae/129351 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Phytophthora katsurae/129354 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Phytophthora phaseoli/129358 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Prasiola/135261 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Phalansterium/136498 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Reverse	A1-	Detected
Haeckelia beehleri/140469 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Coeloplana/140473 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Plasmopara viticola/143451 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Acanthamoeba triangularis/146752 Analyzed Accessions: 2			
2	Forward	G12T	Detected
Stichococcus mirabilis/154978 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Raphidonema nivale/155715 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Annona x atemoya/169284 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Amastigomonas debruynei/172823 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Scopalina lophyropoda/177579 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Forward	C1-, C2-	Detected
Haliclona vansoesti/178543 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Niphates/178546 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Xestospongia/178550 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Desmococcus/187457 Analyzed Accessions: 2			

#Accessions	Oligo	Mutation	Impact
<u>2</u>	Forward	A14T	Detected
Raphidonemopsis sessilis/188049 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Grantia compressa/196260 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Pseudomarvania ampulliformis/200484 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Acanthamoeba divionensis/202919 Analyzed Accessions: 2			
<u>2</u>	Forward	G12T	Detected
Aplanochytrium stocchinoi/215587 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Aaptos suberitoides/237078 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Spheciospongia/237082 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Stenamoeba stenopodia/242542 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Sciaphila/244016 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Micractinium belenophorum/247495 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Mucidosphaerium pulchellum/247497 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Phorbas/252957 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Crella elegans/252961 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Oscarella tuberculata/252962 Analyzed Accessions: 2			
<u>1</u>	NA	No Mutations	Detected
<u>1</u>	Forward	C3G	Detected
Gloeocystis/256023 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Caligus elongatus/257370 Analyzed Accessions: 2			
<u>2</u>	Forward	C3T	Detected
Amphibiocystidium ranae/265895 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Koliellopsis inundata/270655 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected

#Accessions	Oligo	Mutation	Impact
Lamellodysidea herbacea/279619 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Chelonaplysilla/279629 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Oceanapia/283402 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Diacarnus/283431 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Diplastrella megastellata/283508 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Spirastrella hartmani/283510 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Terpios/283537 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Leuconia nivea/283886 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Lubomirskia baikalensis/289074 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Oithona similis/324873 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Ergasilus anchoratus/342414 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Paraergasilus medius/342416 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Lepeophtheirus hospitalis/344054 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Negombata magnifica/344322 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Poikilospermum lanceolatum/344860 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Spongilla vastus/348077 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Tetratostichococcus jenerensis/358140 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Axechina raspailioides/361187 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Aphroceras/365372 Analyzed Accessions: 2			
2	NA	No Mutations	Detected

#Accessions	Oligo	Mutation	Impact
Paraleucilla magna/365391 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Protoachlya hypogyna/371955 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Scopalina blanensis/430686 Analyzed Accessions: 2			
2	Forward	C1-, C2-	Detected
Myzocytiopsis glutinospora/442665 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Artemisina melana/458486 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Lissodendoryx sigmata/458503 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Haliclona walentinae/460932 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Pseudococcomyxa/464286 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Hippospongia lachne/479639 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Ptilocaulis walpersi/479640 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Igernella notabilis/479643 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Geodia barretti/519541 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Thecamonas trahens/529818 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Micractinium reisseri/532145 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Terpios hoshinota/546662 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Hegewaldia parvula/554053 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Leucetta floridana/568385 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Ettlia cohaerens/577485 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Nesippus orientalis/578969 Analyzed Accessions: 2			
2	Forward	C3T	Detected

#Accessions	Oligo	Mutation	Impact
Neopetrosia carbonaria/595365 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Haliclona curacaoensis/608155 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Ircinia dendroides/610365 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Phyllosiphon arisari/634749 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Auxenochlorella symbiontica/634936 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Albugo laibachii/653948 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Paracercomonas producta/686743 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Mycale fistulifera/698781 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Mycale microsigmatosa/698784 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Phytophthora alticola/707995 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Anteholosticha monilata/742177 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Halophytophthora polymorphica/758751 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Masaia oloidia/797638 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Compactochlorella dohrmannii/797640 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Ptilocaulis spiculifer/798311 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Ulosa stuposa/942638 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Dictyonella obtusa/942645 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Raspaciona aculeata/942670 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Hemimycale columella/942687 Analyzed Accessions: 2			
2	NA	No Mutations	Detected

#Accessions	Oligo	Mutation	Impact
Hymedesmia/942690 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Sphaerotylus/942705 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Desmanthus incrustans/942711 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Grantessa/981508 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Neofibularia hartmani/1004761 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Chlorella singularis/1065482 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Pseudodiophrys nigricans/1071522 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Diophrys cf. oligothrix/1071529 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Sarcotragus spinosulus/1088795 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Petrosia strongylata/1089806 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Archinotodelphys/1109179 Analyzed Accessions: 2			
<u>2</u>	Forward	C3T	Detected
Oithona atlantica/1145023 Analyzed Accessions: 2			
<u>2</u>	Forward	C3T	Detected
Dactylospongia/1162778 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Petrosaspongia nigra/1162789 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Incisomonas marina/1167876 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Geodia fibrosa/1183873 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Paratetilla bacca/1199255 Analyzed Accessions: 2			
<u>2</u>	NA	No Mutations	Detected
Tetrastrum staurogeniiforme/1207352 Analyzed Accessions: 2			
<u>2</u>	Forward	A14T	Detected
Trochiliopsis australis/1230324 Analyzed Accessions: 2			
<u>2</u>	Forward	C1-, C2-	Detected

#Accessions	Oligo	Mutation	Impact
Nucleocercomonas/1238574 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Prasiola yunnanica/1265461 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Sphaeroforma gastrica/1283837 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Planktochlorella nurekis/1293055 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Chlorella chlorelloides/1297540 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Microdalyellia kupelwieseri/1311902 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Mycale cecilia/1325603 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Clathria venosa/1336812 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Mycale macilenta/1336817 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Spongia tubulifera/1336826 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Ecionemia acervus/1336853 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Fasciospongia chondrodes/1336856 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Hyattella intestinalis/1336861 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Myrmekioderma rea/1336873 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Neopetrosia rosariensis/1336874 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Terpios aploos/1336887 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Janulum spinispiculum/1336931 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Stellettinopsis megastylifera/1336949 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Hegewaldia/1337759 Analyzed Accessions: 2			
2	Forward	A14T	Detected

#Accessions	Oligo	Mutation	Impact
Forcepia/1342706 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Lepeophtheirus chilensis/1366465 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Spirastrella cunctatrix/1368214 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Haliclona amboinensis/1385777 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Pennatula aculeata/1399332 Analyzed Accessions: 2			
2	Reverse	A1-, A2-	Detected
Euplokamis dunlapae/1403701 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Hormiphora californensis/1403702 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Pseudochloris wilhelmii/1418016 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Paralagenidium/1440114 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Licmophora normaniana/1527807 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Lampetia pancerina/1532213 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Deiopea kaloktenota/1532218 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Oithona davisae/1532565 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Gloiopotes huttoni/1544440 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Bathocyroe/1566674 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Dryodora glandiformis/1566677 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Obetia radula/1586313 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Microdalyellia schmidt/1611830 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Longipedia/1642556 Analyzed Accessions: 2			
2	Forward	C1-	Detected

#Accessions	Oligo	Mutation	Impact
Xerochlorella olmae/1658513 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Monoraphidium komarkovae/1662589 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Pythiopsis irregularis/1729207 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Chtonobdella tanae/1810875 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Chtonobdella meyeri/1810882 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Paramoebidium ecdyonuridae/1882213 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Paramoebidium hamatum/1882216 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Parataeniella/1882359 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Coeloplana astericola/1912745 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Chondrocladia grandis/1913604 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Spongillidae sp. HZ-2017/1932935 Analyzed Accessions: 2			
2	Forward	C1-	Detected
Coccomyxa elongata/1965095 Analyzed Accessions: 2			
2	Forward	A14T	Detected
[Olpidiopsis] porphyrae var. koreanae (nom. inval.)/1972064 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Haptophyceae sp./1982023 Analyzed Accessions: 2			
1	Forward	A14T	Detected
1	Forward	A14C	Detected
Bolinopsis ashleyi/2023888 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Pukia falcata/2023903 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Phorbas topsenti/2025861 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Pterinopsyllus/2031053 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Forward	C3T	Detected

#Accessions	Oligo	Mutation	Impact
Mertensiidae sp. LLM-2015/2040503 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Racodiscula borisi/2137263 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Racodiscula seymoura/2137265 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Watanabea borysthenica/2231789 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Chloroidium lichenum/2250241 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Iophon methanophila/2259400 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Hymedesmia methanophila/2259401 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Aphanomyces brasiliensis/2525538 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Monoraphidium griffithi/2528165 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Newbya apiculata/2692335 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Isodictya filiformis/2707732 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Protostichococcus edaphicus/2710715 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Diophrys quadrinucleata/2712949 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Stenamoeba dejonckheerei/2730938 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Tetrastostichococcus/2735165 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Phakellia hironellei/2737913 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Caligus lacustris/2766977 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Parietochloris bilobata/2772114 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Phyllospongia bergquistae/2779651 Analyzed Accessions: 2			
2	NA	No Mutations	Detected

#Accessions	Oligo	Mutation	Impact
Aphelidium insulamus/2782525 Analyzed Accessions: 2			
1	NA	No Mutations	Detected
1	Forward	A6G	Detected
Lophoura edwardsi/2787070 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Kiyohimea usagi/2813895 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Bolinopsis microptera/2820187 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Dictyonella funicularis/2849251 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Clathria unica/2849258 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Deuterostichococcus marinus/2853271 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Longipedia ulleungensis/2879483 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Paratimea aurantiaca/2893227 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Dermocystidium koi/2911445 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Poulinea lepidochelicola/2925282 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Haeckelia rubra/2936821 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Nibbleromonas quarantinus/2968505 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Scottolana daecheonensis/2979202 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Scottolana wonchoeli/2979203 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Alella igillimpethu/2982376 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Loeffela hirca/3028840 Analyzed Accessions: 2			
2	Forward	A14T	Detected
Ergasilus mirabilis/3069758 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Tjaljiella/3119613 Analyzed Accessions: 2			

#Accessions	Oligo	Mutation	Impact
2	NA	No Mutations	Detected
Pseudosuberites latke/3144275 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Astrotylus/3158009 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Astrotylus astrotylus/3158011 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Neoergasilus africanus/3158617 Analyzed Accessions: 2			
2	Forward	C3T	Detected
Hyattella pertusa/3293064 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Heteroscleromorpha gen. n. sp. p JAD-2024/3386707 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Beroe cucumis/3401430 Analyzed Accessions: 2			
2	NA	No Mutations	Detected
Parietochloris/3101 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Parietochloris pseudoalveolaris/3102 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prototheca/3110 Analyzed Accessions: 1			
1	Forward	A14T	Detected
cf. Chlorella sp./3168 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Humulus japonicus/3485 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Actinidia deliciosa/3627 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cucumis melo/3656 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cucumis sativus/3659 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lagenaria siceraria/3668 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ecballium elaterium/3679 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Brassica rapa/3711 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prunus dulcis/3755 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Capsicum annuum/4072 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Capsicum frutescens/4073 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Zea mays/4577 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Achlya bisexualis/4766 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora nicotianae/4792 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora palmivora/4796 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lagenidium/4802 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Acanthamoeba polyphaga/5757 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Amoeba/5774 Analyzed Accessions: 1			
1	Probe	C4A	Detected
Babesia microti/5868 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Theileria equi/5872 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Theileria parva/5875 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Geodia cydonium/6047 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halichondria japonica/6062 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chelonus/7405 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Rangifer tarandus/9870 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Asterochloris magna/13789 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Mnemiopsis/27922 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tetilla japonica/29776 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Phytophthora cactorum/29920 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Koliella longiseta/33092 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Thalassionema/33648 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Monoraphidium/34111 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pleurastrum terricola/34116 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Myrmecia biatorellae/34150 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Leptosira/37387 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lycopodiella inundata/37431 Analyzed Accessions: 1			
1	Reverse	A1-	Detected
Cucumis anguria/39473 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Obertrumia georgiana/40328 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
[Myrmecia] bisecta/41462 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Developayella/42748 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Acanthamoeba culbertsoni/43142 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Edaphochlamys debaryana/47281 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Microglena monadina/47904 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Alepis flavida/50113 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Hymeniacion heliophila/51076 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chloromonas asteroidea/51685 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lobochlamys culleus/51693 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Melampyrum pratense/52725 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ankistrodesmus falcatus/52960 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Leptosira obovata/53270 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora idaei/53986 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lembadion bullinum/54108 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Phytophthora medicaginis/54510 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Actinastrum/55401 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Suberites domuncula/55567 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Sycon raphanus/56443 Analyzed Accessions: 1			
1	Reverse	A16G	Detected
Myoporum/57115 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chtonobdella/60942 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Chtonobdella bilineata/60943 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Pseudocorticium jarrei/61082 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Chaetachme aristata/63056 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pteroceltis tatarinowii/63062 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chloroidium angustoellipsoideum/63675 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pythium aphanidermatum/65070 Analyzed Accessions: 1			
1	Reverse	A1-	Detected
Balamuthia mandrillaris/66527 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Phytophthora macrochlamydozpora/67591 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Phytophthora sojae/67593 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Petrosia ficiformis/68564 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Adansonia madagascariensis/69112 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Adansonia rubrostipa/69114 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Adansonia suarezensis/69115 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Anisoptera marginata/69458 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sphaeroforma/72018 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lepeophtheirus salmonis/72036 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Haemadipsa zeylanica/73399 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Leucilla/73652 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Vetulina/73799 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thraustotheca clavata/74557 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cliona/76785 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cliona viridis/76786 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pachymatisma johnstonia/77183 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthochaetetes wellsi/81538 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Negombata corticata/81543 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hirtella bicornis/82155 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Parinari/82156 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Euphronia guianensis/82261 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trillium govanianum/82485 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium nunn/82942 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Microdalyellia rossi/84089 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Nebalia/84338 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Acanthella/85782 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthella acuta/85783 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ptilocaulis/85789 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Reniochalina stalagmitis/85792 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthella cavernosa/85798 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Astrosclera willeyana/85810 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phakellia/85813 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hormiphora/86009 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. G4 AGC 1998/86045 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Rhinosporidium/90338 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eunapius fragilis/91661 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Leptolegnia/92975 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Leptolegnia caudata/92976 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Marvania geminata/97105 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Plectospora myriandra/100863 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sapromyces elongatus/100874 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Rhodosorus marinus/101924 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium echinulatum/105151 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium ornacarpum/105153 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Opuntia/106975 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Nilaparvata lugens/108931 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Achlya proliferoides/112032 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Saprolegnia diclina/112098 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sogatella furcifera/113103 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mazus pumilus/113205 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Anamixilla/114236 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium iwayamae/115417 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium paddicum/115419 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ceriodaphnia dubia/117530 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Aplysilla sulfurea/119427 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hippospongia communis/119431 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pleraplysilla spinifera/119433 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora melonis/120023 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Phakellia cribrosa/120942 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spongia/121489 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Corticium candelabrum/121492 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Oscarella lobularis/121494 Analyzed Accessions: 1			
1	Forward	C3G	Detected
Cacospongia/121496 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymenopus heteromorphus/123495 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ichthyophonus irregularis/123918 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aegialitis annulata/124972 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora insolita/127442 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora richardiae/127443 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Elongisporangium undulatum/127444 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora botryosa/129348 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora mirabilis/129356 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora rubi/129364 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Eburia/131640 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Diophrys appendiculata/132687 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Marvania coccoides/133487 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Picochlorum atomus/133490 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prasiola meridionalis/135263 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Rosenvingiellopsis constricta/135268 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Atkinsiella dubia/135477 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lagenidium caudatum/135481 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phacus triqueter/135496 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Penaus chinensis/139456 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium polymastum/140046 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Hormiphora plumosa/140456 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aulacoctena acuminata/140467 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coeloplana bannwarthii/140474 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Undescribed mertensiid sp. 1/140497 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Undescribed mertensiid sp. 2/140498 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Undescribed mertensiid sp. 3/140499 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Undescribed Lobata sp. 4/140501 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Magmatodrilus obscurus/147122 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium buismaniae/147702 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium mastophorum/147704 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium uncinulatum/147706 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cotylelobium lanceolatum/152388 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Koliella antarctica/153504 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Koliella spiculiformis/154509 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Raphidonema pyrenoidifera/154979 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Aphanomyces invadans/157072 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Closterium moniliferum/157562 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Closterium submoniliferum/157563 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Closterium venus/157582 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Comandonia/158895 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Comandonia operculata/158896 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Trebouxia aggregata/160068 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Halichondria okadai/163232 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Planctonema/163319 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Radiofilum conjunctivum/163323 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Euterpina acutifrons/163466 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Veronica longifolia/165317 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coeloplana agniae/168726 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora pistaciae/174576 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Amorphinopsis excavans/177560 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ciocalypa penicillus/177563 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Didiscus/177567 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Acanthostrongylophora/178473 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leucetta chagosensis/185688 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Prasiola japonica/185965 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium cylindrosporum/186163 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Desmococcus endolithicus/187458 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Gongronemopsis tenacissima/187505 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora brassicae/187813 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Viridiella fridericana/190057 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pumiliosphaera acidophila/190058 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium abappressorium/190219 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Auxenochlorella/191392 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Synedra/191584 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Watanabea reniformis/191674 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Urera/194274 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Urera glabra/194275 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Placospongia/194328 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Laodelphax striatellus/195883 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Anamixilla torresi/196259 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Grantiopsis cylindrica/196261 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Leucaltis clathria/196264 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leucandra aspera/196266 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sycettusa/196273 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Vosmaeropsis/196275 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eunotia/196637 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Dysidea avara/196820 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthamoeba terricola/196913 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Leucetta microraphis/197028 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pericharax heteroraphis/197030 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Platyamoeba/197524 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Platyamoeba plurinucleolus/197528 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Vicia americana/200966 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Scapholeberis mucronata/202097 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Catena viridis/202684 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium segnitium/209243 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lycogala/211106 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trochomeria macrocarpa/213603 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytopythium montanum/214887 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Encyonema/216746 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Caligus/217164 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Trichia scabra/219851 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora pseudosyringae/221518 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Meyerella planktonica/221620 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Dendrosicyos socotranus/229694 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pirsonia formosa/230409 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pirsonia verrucosa/230411 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pirsonia diadema/230412 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sinergasilus polycolpus/232557 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Sinergasilus major/232573 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Tethya actinia/233783 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trochospongilla horrida/233863 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Aaptos/237077 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stylissa flabelliformis/237128 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthostrongylophora ingens/237153 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora nemorosa/239968 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Glaeseria mira/242547 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Phytophthora inundata/244122 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora rosacearum/244167 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Didymogenes palatina/247500 Analyzed Accessions: 1			
1	Forward	A14T	Detected
chlorobiont of Peltigera britannica sp. 56 Rikkinen A16/248544 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Haemadipsa sumatrana/251242 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Haliclona mediterranea/252955 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phorbas tenacior/252958 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spongia officinalis/252964 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aaptos aaptos/253165 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stelletta/253167 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stelletta grubii/253168 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aphanomyces cladogamus/253176 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lagenaria breviflora/254159 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium viniferum/255166 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Rhinosporidium cygnus/256043 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eurypon cf. clavatum/261680 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cinachyrella apion/263142 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Attheya/265578 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sycon capricorn/269054 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Prosuberites/269055 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haliclona amphioxax/275428 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Tedania/278975 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Miamiensis/279579 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Suberites massa/279590 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Svenzea/279592 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hyrrios/279627 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hyrrios erectus/279628 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coelocartheria/281035 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Higginsia mixta/281040 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phycopsis fusiformis/281488 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Alectona/281727 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lissodendoryx/283422 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Iotrochota/283496 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cervicornia cuspidifera/283503 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spirastrella/283506 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hemiassterella/283521 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Adreus/283525 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Rhizaxinella/283535 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pseudosuberites/283540 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Protosuberites/283544 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Polymastia pachymastia/283556 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ecionemia/283570 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dysidea etheria/283597 Analyzed Accessions: 1			
1	Reverse	A6G	Detected
Grantiopsis heroni/283887 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ecteinascidia turbinata/284476 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Smenospongia aurea/289409 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium nagaii/289625 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Plakortis angulospiculatus/295227 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Placospongia melobesioides/295238 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dragmacidon lunaecharta/295239 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Agelas conifera/295242 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Calyx/295246 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Calyx podatypa/295247 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Agelas dispar/295252 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium cystogenes/295491 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Horreolanus/296196 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trachycladus/297674 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trachycladus laevispirulifer/297675 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stelligera rigida/297730 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Anchimolgidae sp. New Caledonia-RJH-2004/298425 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Anchimoligus/298426 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stellicola/298435 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Mytilicola intestinalis/298439 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Trochicola entericus/298441 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Critomoligus/298446 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Scambicornus/298453 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Vahinius/298456 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Xarifia/298459 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Gloiopotes watsoni/298476 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stenopontius/298481 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Entomolepidae sp. New Caledonia-RJH-2004/298490 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Parabrachiella bispinosa/298496 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Pontoeiella abyssicola/298507 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Pectenophilus ornatus/298509 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Phytophthora alni/299391 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxia decolorans/300845 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Annona glabra/301703 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Acanthamoeba echinulata/306324 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	G12T	Detected
Prasiola stipitata/306437 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Rosenvingiella radicans/306440 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Rosenvingiella polyrhiza/306441 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Thraustochytriidae sp. SW5/310593 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Catacroptera cloanthe/311079 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paranebalia longipes/311332 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lepeophtheirus hippoglossi/311538 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Lepeophtheirus pectoralis/311539 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Caligus pelamydis/311541 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Trichophilus welckeri/312843 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prasiolopsis ramosa/312849 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Melampyrum roseum/321415 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora kernoviae/325452 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Eimeria vermiformis/326035 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Microglena uva-maris/327073 Analyzed Accessions: 1			
1	Forward	A14T	Detected
soil amoeba AND32/328359 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Coccinia sessilifolia/328384 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cascogaster/328695 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stychelonus/328701 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Trachelostyla pediculiformis/330974 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pythiopsis humphreyana/334530 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trochospongilla pennsylvanica/335490 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Ephydatia cooperensis/335492 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Mactra chinensis/339787 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Anisoptera costata/340448 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Paraergasilus brevidigitus/342417 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ergasilus tumidus/342420 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ergasilus yaluzangbus/342423 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Caligus clemensi/344056 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Biemna fistulosa/344324 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Balanops pancheri/344426 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pachydictyum globosum/348075 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Pachydictyum incrustans/348076 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Corvomeyenia/348611 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Sphyrion lumpi/348850 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Pythium apiculatum/349325 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Vermistella/354201 Analyzed Accessions: 1			
1	Forward	A16C	Detected
Phytophthora fallax/360399 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Phytophthora capsosa/360400 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Axinella polycapella/361191 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thraustochytriidae sp. HU1/363907 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Thraustochytriidae sp. PW19/363908 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Leucascus/365350 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Soleneiscus stolonifer/365352 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Levinella prolifera/365354 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina aff. cerebrum G313824/365355 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina luteoculcitella/365357 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina wistariensis/365363 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leucetta villosa/365367 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Murrayona phanolepis/365369 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lelapiella incrustans/365371 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ute ampullacea/365375 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leucascandra caveolata/365377 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leucandra nicolae/365381 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sycettusa tenuis/365382 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Syconessa panicula/365385 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Electroninia neocaledoniense/365388 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Eilhardia schulzei/365390 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haptoglossa/377433 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Haptoglossa heterospora/377434 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Uvulifera verrucariae/381758 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Parabirojimia similis/385034 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Diderma testaceum/385447 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Diachea leucopodia/385471 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Oscarella carmela/386100 Analyzed Accessions: 1			
1	Forward	C3G	Detected
Coccinia grandis/387127 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phyllostachys heteroclada/387746 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Monstrilla/389309 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Monstrilla clavata/389310 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Kroyeria/389317 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Dissonus manteri/389321 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ceuthoecetes/389329 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Aphotopontius mammillatus/389333 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ifalukella yanii/389623 Analyzed Accessions: 1			
1	Reverse	A1-, A2-	Detected
Prodiscocephalus borrori/391043 Analyzed Accessions: 1			
1	Forward	C8T	Detected
Baikalospongia fungiformis/394684 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C1-	Detected
Cliona schmidtii/395610 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Amphisiella/396410 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ochanostachys amentacea/397394 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Dasychalina/412829 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dasychalina fragilis/412830 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chalinula hooperi/412832 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Nudospongilla/412833 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Halodaphnea panulirata/413849 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Halocrusticida parasitica/413850 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Echinospongilla brichardi/413894 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Phytophthora foliorum/415976 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Olpidiopsis/416807 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sirolpidium porphyrae/416808 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lagenoecca/418243 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Attheya septentrionalis/420275 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Stramenopile sp. MAST-12 KKTS_E5/423246 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Hemiaulus hauckii/426650 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lepeophtheirus thompsoni/427058 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Caligus brevipedis/427060 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Axinella cf. polypoides MCP03_144/427141 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Prasiococcus calcarius/428606 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Scopalina canariensis/430687 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Scopalina ceutensis/430688 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Hippodonta/431367 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Hyattella/436463 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Myzocytiopsis/442664 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pinnularia biceps/445247 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora sulawesiensis/445398 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Plakina jani/450361 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Suberites aurantiacus/458330 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chelonaplysilla erecta/458488 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathria schoenus/458491 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ectyoplasia/458492 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Geodia gibberosa/458494 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ircinia campana/458501 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lissodendoryx isodictyalis/458502 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Neofibularia nolitangere/458507 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haliclona manglaris/459962 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Tethya wilhelma/463344 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sarcotragus/468351 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Strepsichordaia/468352 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Callyspongia fallax/469326 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Rhopaloeides/476027 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Igernella/479642 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demodex folliculorum/481310 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Asterochloris echinata/483524 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Amphinomia sulphurea/484446 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ectyoplasia tabula/484452 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Raspailia phakellopsis/484457 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trikenrion flabelliforme/484460 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chlamydomyzium/485443 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Diophrys apoligothrix/488248 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chondropsis/491775 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Nicothoe astaci/499826 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Lobosea sp. I4_6E/507768 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Argestigens/512212 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Sarsameira/512245 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Zaus caeruleus/512257 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stephanopyxis turris/515487 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Afrothismia korupensis/516736 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Citrullus mucosospermus/519315 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Geodia macandrewii/519544 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Caminus/519553 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Geodia phlegraei/521093 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cinachyra/524626 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Globisporangium cryptoirregulare/529119 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Soil flagellate AND18/529679 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthium mercuriale/546104 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorella pulchelloides/554068 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorella lewinii/554070 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Poecilosclerida sp. GM-BSS/554634 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale adhaerens/557183 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spinturnix psi/565386 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Fasciospongia/572251 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
marine stramenopile sp. Fav3/572514 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Physarum globuliferum/574359 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Parietochloris alveolaris/577484 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Kroyeria papillipes/578951 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Kroyeria sphyrnae/578952 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Lepeophtheirus natalensis/578953 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Nesippus vespa/578971 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Tripaphylus elongatus/578973 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Perissopus dentatus/578979 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Nucleotaenium cylindricum/592035 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Neopetrosia chaliniformis/595366 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Neopetrosia exigua/595373 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora multivora/596104 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Couepia guianensis/597284 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Haliclona mucifibrosa/608126 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chalinula molitba/608152 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haliclona aquaeductus/608174 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Coccomyxa dispar/614188 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Eimeriidae sp. 3F/622358 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Peronospora belbahrii/622444 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tetilla dactyloidea/624282 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Diplosolen obelia/626267 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Phyllosiphon/634748 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Elongisporangium senticosum/643143 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Poikilospermum suaveolens/647284 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiophyceae sp. KMMCC FC-10/650542 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiophyceae sp. SC2-2/656228 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Balanion planctonicum/659331 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Schizoplasmodium cavostelioides/661160 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ceratiomyxella tahitiensis/661162 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Nematostelium ovatum/661165 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Geodia hentscheli/664260 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytophthora frigida/669489 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trigoniastrum hypoleucum/670058 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Psammocinia/676613 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eunapius subterraneus/681720 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Aphidius gifuensis/684658 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paracercomonas compacta/686745 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Paracercomonas oxoniensis/686746 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Paracercomonas astra/686749 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Paracercomonas ambulans/686750 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paracercomonas elongata/686751 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paracercomonas paralaciniagerens/686752 Analyzed Accessions: 1			
1	Forward	A6G	Detected
Paracercomonas minima/687161 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sathrophilus holtae/692531 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Mycale carmigropila/698780 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale lingua/698783 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale sulevoidea/698785 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecilosclerida sp. TLL-2009a/699606 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dermocystida sp. Larzac/C-f/701804 Analyzed Accessions: 1			
1	Forward	A16C	Detected
Ecionemia alata/702471 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phakellia tropicalis/704157 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Caligus fugu/713912 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Hirtella physophora/715485 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sphaerephesia regularis/717733 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Halophytophthora porrigovesica/743708 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Stenamoeba limacina/746894 Analyzed Accessions: 1			
1	Forward	A16G	Detected
Stenamoeba amazonica/746910 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sapphirina scarlata/749181 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Salisapilia elongata/758748 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Halophytophthora cf. polymorphica/758752 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Halophytophthora cf. batemanensis/758753 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Salisapilia epistomia/758754 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Oscarella microlobata/764031 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Plakina trilopha/764034 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
bacterium LO393/764475 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sciaphila japonica/795117 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Marasphaerium gattermannii/797637 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Dictyosphaerium libertatis/797664 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Mucidosphaerium palustre/797666 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Dictyosphaerium lacustre/797691 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Axinella cannabina/798305 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinella infundibuliformis/798307 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinella vaceleti/798308 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cymbastela cantharella/798309 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dictyonella pelligera/798310 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coronastrum ellipsoideum/798524 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tunicothrix brachysticha/860612 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Lepeophtheirus parviventris/864306 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Plocamionida ambigua/881918 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Craniella zetlandica/885873 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Plakina monolopha/908213 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tritetrabdella taiwana/909607 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Trebouxiphyceae sp. A43/930346 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiphyceae sp. A42/930347 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiphyceae sp. A44/930348 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tritetrabdella scandens/933807 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Sinospelaeobdella cavatuses/933808 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Haemadipsa crenata/933810 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Haemadipsa ornata/933814 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Haemadipsa trimaculosa/933815 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chtonobdella mediorubra/933822 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Domanibdella palmyrae/933824 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Planobdella/933833 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cyclopina/938102 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Pleurobrachia globosa/940420 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eurypon clavigerum/942630 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Prosuberites longispinus/942631 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale titubans/942633 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halichondria attenuata/942634 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Myxilla ancorata/942635 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymeniacidon kitchingi/942637 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Adreus fascicularis/942639 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinella pyramidata/942641 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Biemna variantia/942642 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathria barleei/942643 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Crella rosea/942644 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale rotalis/942647 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phakellia ventilabrum/942649 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phorbas dives/942650 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Polymastia boletiformis/942651 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Polymastia penicillus/942652 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stelletta lactea/942656 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stryphnus ponderosus/942657 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lissodendoryx jenjonesae/942668 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Amphilectus fucorum/942674 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Antho/942675 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Antho involvens/942677 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Endectyon delaubenfelsi/942683 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hemimycale/942686 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Homaxinella subdola/942689 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymedesmia pansa/942691 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymeraphia stellifera/942693 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymerhabdia typica/942695 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paratimea/942696 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tentorium semisuberites/942699 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tethyspira spinosa/942701 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bubaris cf. carcisis CM-2010/942702 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Desmacella cf. annexa CM-2010/942703 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aphanomyces cf. repetans/942735 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Brevilegnia milaneziana/944596 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Halophytophthora batemanensis/944602 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytopythium oedochilum/946373 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Salisapilia masteri/980346 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Gieysztorina/996471 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Subulatomonas tetraspora/999882 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Isthmia enervis/1003064 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sigmaxinella/1004762 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Geodia atlantica/1006787 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Craniella cranium/1006792 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dercitus bucklandi/1006793 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Caminella intuta/1006831 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coccomyxa actinabiotis/1006971 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coeloplana bocki/1017162 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina clathrus/1031547 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Kirchneriella phaseoliformis/1032548 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tsitsikamma favus/1035643 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mucidosphaerium/1036744 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coeloplana anthostella/1037658 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stygamoeba regulata/1042828 Analyzed Accessions: 1			
1	Forward	G12A	Detected
Paracercomonas proboscata/1043741 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paracercomonas kruegeri/1043743 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Metabolomonas insania/1044902 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phytopythium boreale/1049196 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Elliptochloris philistinensis/1051114 Analyzed Accessions: 1			
1	Forward	A14T	Detected
/1051812 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Chlorella rotunda/1065483 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Neocystis/1065495 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Diophrys blakeneyensis/1071532 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Mycale angulosa/1089459 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aka mucosa/1089804 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sceptrella biannulata/1093062 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acantheurypon pilosella/1093063 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Anisoptera scaphula/1094868 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Misophria/1109185 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Misophriopsis/1109187 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Lichomolgus canui/1109204 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Lichomolgus marginatus/1109205 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Misophriopsis okinawensis/1109208 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Parasteatoda kompirensis/1112458 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Crella incrustans/1114232 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Mycale mirabilis/1114237 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chondrocladia/1114242 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Stichococcus minutus/1115877 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Placospongia intermedia/1131261 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phycopsis/1136261 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dysidea arenaria/1147784 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Myrmekioderma granulatum/1161174 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thrinacophora cervicornis/1161177 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Fascaplysinopsis reticulata/1162749 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Luffariella variabilis/1162756 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phyllospongia lamellosa/1162757 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dactylospongia metachromia/1162780 Analyzed Accessions: 1			
1	Reverse	A1-, A2-	Detected
Aplysinopsis/1163032 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Soleneiscus radovani/1169938 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Synute pulchella/1169940 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Teichonopsis labyrinthica/1169942 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sycettusa aff. hastifera OV-2012/1169954 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sycettusa cf. simplex OV-2012/1169955 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Desmacella pumilio/1183869 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
bacterium IS420/1187057 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
bacterium IS421/1187058 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
bacterium IS422/1187059 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
bacterium IS423/1187060 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
bacterium IS424/1187061 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
bacterium IS425/1187062 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trichogorgia capensis/1196843 Analyzed Accessions: 1			
1	Reverse	A1-, A2-	Detected
Phorbas plumosus/1198107 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Crella cyathophora/1198226 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cinachyra antarctica/1199249 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Craniella neocaledonica/1199253 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Craniella sagitta/1199254 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Fangophilina/1199265 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Didymogenes sphaerica/1202743 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Didymogenes soliella/1202766 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tetrastrum heteracanthum/1207349 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lemmermannia komarekii/1207350 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Crucigenia lauterbornii/1211292 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora cf. insolita/1216625 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chloropyrula uraliensis/1263455 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Oscarella balibaloi/1266578 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Oscarella kamchatkensis/1266579 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Oscarella rubra/1266580 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Oscarella bergenensis/1284350 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Oscarella nicolae/1284351 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Masaia/1289215 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Kalenjinia/1289216 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Leptochlorella/1290809 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ctenophora sp. C5/1303917 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mertensiidae sp. A9/1303919 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chloropyrula/1305687 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Isodontia nigella/1310304 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Microdalyellia armigera/1311898 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Microdalyellia fusca/1311901 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Microdalyellia nanella/1311903 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Neodalyellida sp. 1 NVS-2013/1311941 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Baicalellia brevituba/1311956 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Canetellia beauchampi/1311971 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Pseudograffilla arenicola/1311994 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Acarnus innominatus/1325595 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Mycale citrina/1325604 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Merlia normani/1325619 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathria armata/1336808 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathria atrasanguinea/1336809 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathria bulbotoxa/1336810 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Crella plana/1336813 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymedesmia paupertas/1336814 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lissodendoryx arenaria/1336815 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale minima/1336818 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale subclavata/1336819 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Petromica ciocalyptoides/1336821 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Petrosia lignosa/1336822 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spongia matamata/1336824 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spongia zimocca/1336827 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tedania strongylostyla/1336828 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthella cubensis/1336838 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aciculites ciliata/1336840 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aplysinopsis elegans/1336841 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinella flustra/1336842 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Axinyssa cavernosa/1336843 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinyssa topsenti/1336844 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dasychalina melior/1336848 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Diacarnus bismarckensis/1336850 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dysidea fragilis/1336851 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dysidea janiae/1336852 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eurypon hispidum/1336854 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Euryspongia lobata/1336855 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Gelliodes callista/1336858 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Geodia vestigifera/1336859 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymeniacion caerulea/1336862 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Isodictya compressa/1336864 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Isodictya ectofibrosa/1336865 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lamellomorpha strongylata/1336867 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Latrunculia lunaviridis/1336868 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lissodendoryx fibrosa/1336869 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Luffariella geometrica/1336870 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathria strepsitoxa/1336871 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Microscleroderma herdmani/1336872 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Oceanapia isodictyiformis/1336875 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ophlitaspongia papilla/1336876 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phorbas bihamiger/1336880 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phorbas punctatus/1336881 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecillastra laminaris/1336882 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stelletta clavosa/1336884 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Terpios gelatinosus/1336888 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Terpios manglaris/1336889 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Theonella cupola/1336890 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Topsentia halichondrioides/1336893 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trachycladus stylifer/1336894 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tsitsikamma pedunculata/1336896 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tsitsikamma scurra/1336897 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthancora schmidt/1336899 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acanthostylotella cornuta/1336901 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Atergia corticata/1336903 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Neophrissospongia microstylifera/1336909 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cyamon spinispinosum/1336911 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Desmoxya pelagiae/1336913 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Disyringa dissimilis/1336915 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dragmaxia undata/1336917 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Echinoclathria dichotoma/1336921 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ectyonopsis flabellata/1336923 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Homophymia stipitata/1336925 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Inflatella/1336926 Analyzed Accessions: 1			
1	Forward	A7G	Detected
Inflatella pellicula/1336927 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Iophon nigricans/1336929 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Jaspis/1336932 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Jaspis novaezealandiae/1336933 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leiosella ramosa/1336935 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Manihinea conferta/1336937 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Plocamiancora arndti/1336939 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Proteleia sollasi/1336941 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Quasillina brevis/1336943 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spanioplion armaturum/1336947 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tethyopsis/1336950 Analyzed Accessions: 1			
1	Forward	T4C	Detected
Tethyopsis mortenseni/1336951 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Xenospongia patelliformis/1336953 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Hamigera hamigera/1336955 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Scopalina hispida/1342450 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Antho cf. prima 0CDN7404-I/1342529 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinellidae sp. 0CDN7204-P/1342539 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinyssa aff. ambrosia USNM 1204858/1342540 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Candidaspongia cf. flabellata 0PHG1254-V/1342543 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Candidaspongia cf. flabellata 0PHG1457-R/1342544 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cinachyrella cf. paterifera 0M9H2022-P/1342549 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-02427/1342560 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-02428/1342561 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-06672/1342563 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-07060/1342565 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-07064/1342566 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-07074/1342568 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-07075/1342569 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. BMOO-07415/1342570 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. MNRJ15830/1342574 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. USNM 1133844/1342575 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Demospongiae sp. XMOO 0361/1342576 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Demospongiae sp. XMOO 1229/1342577 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dictyoceratida sp. 0CDN8871-A/1342579 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dysidea cf. avara P03x161/1342581 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dysideidae sp. BMOO-06671/1342585 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Echinocalina cf. laboutei 0CDN2501-C/1342586 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Fasciospongia cf. cyni 0CDN7150-H/1342589 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halichondrida sp. USNM 1133814/1342597 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Myrmekioderma cf. rea USNM 1204904/1342633 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Niphates cf. erecta USNM 1133780/1342640 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Penares cf. alata 0CDN7316-M/1342647 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Petrosia aff. hartmani USNM 1204818/1342649 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Petrosiidae sp. 0CDN2354-S/1342650 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecilosclerida sp. BMOO-02429/1342656 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecilosclerida sp. BMOO-06426/1342657 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Psammocinia cf. halmiformis 0CDN6164-K/1342658 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spirastrella cf. coccinea USNM 1133785/1342674 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spongionella cf. foliascens 0CDN9587-G/1342677 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thorectidae sp. BMOO-04638/1342689 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Siphonodictyon cf. coralliphagum USNM 1133740/1342700 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Cornulella/1342702 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Guitarra/1342709 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Semitaspongia/1342711 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tectitethya/1342713 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
cf. Hippospongia sp. 0M9H2523-K/1342717 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
cf. Hippospongia sp. 0M9H2533-U/1342718 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sciaphila nana/1343457 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sciaphila purpurea/1343459 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Monanchora unguiculata/1346142 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina blanca/1346146 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Plagiopogon loricatus/1348330 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Prorodon ovum/1348332 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Platynematum salinarum/1367513 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Geodia parva/1390724 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pseudococcomyxa cf. simplex WB40/1400018 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Deuterostichococcus cf. deasonii WB38/1400020 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Clathrinidae sp. BC12/1401349 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecilosclerida sp. BC2/1401355 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecilosclerida sp. SB3/1401356 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Bathyctena chuni/1403704 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lampea/1403705 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lampea lactea/1403706 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina cf. hondurensis MI-2013/1405687 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina rubra/1405688 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Borojevia cerebrum/1406157 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Synarachnactis lloydii/1411680 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pseudochloris/1418015 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorophyta sp. MT1/1429415 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Caligus uniartus/1434801 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stenamoeba berchidia/1445712 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trebouxiophyceae sp. OL/1446897 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium intermedium/1448053 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiophyceae sp. BCP-MX219VF22/1462957 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Baicalellia canadensis/1468191 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Globisporangium polare/1489738 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Aquistella attenuata/1495612 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Aquistella acicularis/1495613 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Aphelidium aff. melosirae P-1/1498218 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Amoebophilidium occidentale/1498855 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Anisoptera megistocarpa/1504384 Analyzed Accessions: 1			
1	Forward	A14T	Detected
cf. Oxytrichidae sp. ER-2014/1519354 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Coleochlamys oleifera/1519501 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Neglectella peisonis/1521698 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trochisciopsis tetraspora/1521707 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Uvulifera mucosa/1521716 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Austrorhynchus/1525004 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Leucothea multicornis/1532214 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pleurobrachia brunnea/1532215 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Acavomonas peruviana/1542312 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Vetulina indica/1562466 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thraustochytriidae sp. NK54/1563419 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ichthyosporea sp. NK52/1563420 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lobata sp. V WRF-2014/1567047 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. B WRF-2014/1567048 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. C WRF-2014/1567049 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. N1 WRF-2014/1567050 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. N2 WRF-2014/1567051 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Ctenophora sp. T WRF-2014/1567052 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. W WRF-2014/1567053 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thraustochytriidae sp. NK90/1577480 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Duploperaclistus circocirrus/1578789 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Chlorella pituita/1595981 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytopythium mirpurens/1602131 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Newbya/1618012 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiophyceae sp. SAG 2477/1628373 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Myrmecia cf. irregularis LH08AW3064/1628377 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Vermistella arctica/1628650 Analyzed Accessions: 1			
1	Forward	A16C	Detected
Brevilegnia longicaulis/1631803 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Olpidiopsis feldmanni/1638924 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Kiyohimea/1649255 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Multimonas koreensis/1649269 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. M WRF-2015/1651132 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. L1 WRF-2015/1651133 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. L2 WRF-2015/1651134 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. K WRF-2015/1651141 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. P WRF-2015/1651142 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Dictyamoeba vorax/1655003 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thorectidae sp. 0CDN6739-K/1662239 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Blastulidium paedophthorum/1672054 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Acanthamoeba micheli/1675013 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Palustrimonas yorkeensis/1677990 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Clavellisa emarginata/1679968 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stichotrichia sp. 2 bTS1/1683364 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Strepsus elongatus/1684780 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Sirolpidium pyropiae/1686415 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Saprolegnia aenigmatica/1686789 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Abyssocladia dominalba/1688438 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Asbestopluma pennatula/1688446 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chondrocladia gigantea/1688448 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cladorhiza abyssicola/1688452 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Guitarra antarctica/1688455 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hamacantha falcula/1688473 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Euchelipluma/1688474 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coccomyxa polymorpha/1699017 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Myzocytiopsis humicola/1702225 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Diplostegium hippophae/1716018 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Leptolegnia eccentrica/1729146 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phragmosporangium uniseriatum/1729148 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Vulcanochloris canariensis/1742426 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coeloplana loyai/1742921 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tritetrabdella longiducta/1757903 Analyzed Accessions: 1			
1	Forward	A14C	Detected
Stupenda singularis/1779228 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stichotrichia sp. cTS1/1779519 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Antarctotetilla leptoderma/1783583 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Caudikeronopsis marina/1793893 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Parabrachiella hugu/1795118 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Caligus punctatus/1795124 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ergasilus wilsoni/1795135 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Halicyclops continentalis/1795138 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Hemicyclops gomsoensis/1795142 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Lernaeopodidae sp. SYB-2016/1795169 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Synstellicola paracarens/1795190 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Asterocheres lilljeborgi/1795200 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Brachiochondria pinguis/1795204 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Conchyliurus dispar/1795206 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Doropygus rigidus/1795210 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Herrmannella longicaudata/1795222 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Jaspis splendens/1807044 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chtonobdella fallax/1810876 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chtonobdella vagans/1810878 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chtonobdella gloriosi/1810879 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Hemimycale arabica/1820599 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phyllosiphon coccidium/1837062 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Dermosporidium hylarum/1842454 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sphaerothecum caipira/1842455 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Elliptochloris antarctica/1844074 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorella antarctica/1848529 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Thoosa calpulli/1859163 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thoosa mismalolli/1859164 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Trebouxiophyceae sp. LH10HG6139/1861748 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Trebouxiophyceae sp. LH8AG9040/1861749 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorellales sp. L23/1861752 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorellales sp. L24/1861753 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Chlorellales sp. LH08AG1034/1861754 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorellales sp. LH08SG2053/1861755 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chlorellales sp. LH08SG3078/1861756 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Desmococcus spinocystis/1861764 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Saprolegnia milanezii/1873451 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phytophthora bishii/1880901 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Paramoebidium stipula/1882070 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Enterobryus cf. euryuri ONT-3-W6/1882072 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Amoebidium appalachense/1882204 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paramoebidium cf. grande ID-164-G2/1882211 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paramoebidium avitruviense/1882212 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paramoebidium corpulentum/1882214 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Arundinula opeongoensis/1882348 Analyzed Accessions: 1			
1	Forward	A7G	Detected
Parataeniella armadillidii/1882360 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Parataeniella dilatata/1882363 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Develorapax marinus/1892415 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Aplanochytrium blankum/1896765 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Acanthamoeba pyriformis/1899168 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Chlorophyta sp. SL-2016/1905721 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Hemimycale mediterranea/1909695 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eremosphaera gigas/1912085 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coeloplana huchonae/1912748 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lyrocteis/1919244 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cladorhiza oxeata/1924462 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Caligus lalandei/1929248 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ichthyosporea sp. XGB-2017a/1932427 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
/1934122 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
/1934124 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
/1934125 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
/1934126 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
/1934128 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paraphelidium letcheri/1934193 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Leucettidae sp. Sp11/1936241 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Oscarella pearsei/1940113 Analyzed Accessions: 1			
1	Forward	C3G	Detected
Aphelidium desmodesmi/1959286 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Calycofera operculata/1971756 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pseudophyllomitrus/1978332 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Stramenopiles sp./1982022 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Stigmella lycii/1983340 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Cinachyrella anatriaenilla/1985302 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Niphatidae sp. NIS/1986214 Analyzed Accessions: 1			
1	Forward	C3G	Detected
Parvularia atlantis/1993908 Analyzed Accessions: 1			
1	Forward	A16C	Detected
Psephonema aenigmaticum/2005686 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Planctonema gelatinosum/2005690 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pigoraptor vietnamica/2006545 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pigoraptor chileana/2006546 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Sirolpidium muelleri/2020009 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Plenaster craigi/2021432 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Parablepharisma/2021963 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Lunachloris lukesovae/2022207 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lembadion lucens/2023650 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Callianira antarctica/2023889 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hormiphora palmata/2023895 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Calyx nicaeensis/2025859 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haplosclerida sp. TAU_ Po.25603/2025864 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hemimastix kukwesjijk/2027451 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Benthomisophria palliata/2030952 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	C3T	Detected
Benthomisophria cornuta/2030953 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Neomormonilla minor/2030961 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Mormonilla phasma/2030963 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Speleophria bivexilla/2030977 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Aegisthidae sp. DZMB479/2030988 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Superornatiremidae sp. DZMB688/2030991 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Siphonostomatoida sp. DZMB116/2031003 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Aegisthidae sp. DZMB331/2031009 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Argestidae sp. DZMB629/2031013 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Thalestridae sp. DZMB531/2031021 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Smirnovipinidae sp. DZMB391/2031045 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Tetragonicipitidae sp. DZMB702/2031051 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Stenocopiinae sp. DZMB560/2031104 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Spongia nitens/2033362 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pseudorthoplana foliacea/2037772 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Cydippida sp. Maryland/2038127 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pleurobrachiidae sp. Gulf of Mexico/2038136 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. Bahamas/2038137 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ctenophora sp. Florida/2038138 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Vetulina tholiformis/2044559 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hemimycale ceadensis/2048515 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Triconia borealis/2056981 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Mycale parishii/2070868 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halichondria elenae/2081474 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Labyrinthulomycetes sp./2100757 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phyllosiphon duini/2100811 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium acanthophoron/2125992 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium spinosum/2125998 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Corallistes floreana/2137258 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Craniella wolfi/2137260 Analyzed Accessions: 1			
1	Reverse	A1-	Detected
Racodiscula radixa/2137264 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Scleritoderma tortuga/2137266 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thoosa purpurea/2172020 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Baicalellia pusilla/2200729 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Baicalellia solaris/2200731 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Mycale sanguinea/2200915 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coscinoderma sporadense/2200916 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Parietochloris grandis/2201741 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Sycon abyssale/2204107 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Achramorpha ingolfi/2204137 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Gedaniella boltonii/2231127 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Chloroidium arboriculum/2250239 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chloroidium lobatum/2250242 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Axinella nayaritensis/2283537 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thrinacophora raphidophora/2294014 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dendroxea/2294016 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thismia kelabitiana/2305415 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Thismia nigra/2305417 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coccomyxa cimbrica/2316385 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Micractinium endosymbiont of Paramecium bursaria/2358451 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cloning vector pAMEXlox-1/2419936 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Gamispinus diabolicus/2448671 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Neopetrosia cristata/2484688 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Neopetrosia dendrocrevacea/2484690 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haliclona cnidata/2488703 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lycopodina hypogea/2491183 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Clathrina helveola/2496554 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Watanabea acidotolerans/2506193 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prasiolales sp. LSY1027/2507884 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prasiolales sp. LSY1029/2507886 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Prasiolales sp. LSY1033/2507890 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Bolinopsis mikado/2516999 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Aphanomyces raphani/2518591 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Endolithella mcmurdoensis/2559596 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Hooperia anfractuosa/2583227 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Periplasma isogametum/2584052 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Vampyroctena delmarvensis/2584720 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Caribeopsyllus amphiodiae/2586195 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Einslepinella mediana/2586197 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Cyclopoida sp. 761DZMB/2586236 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Cyclopoida sp. 771DZMB/2586238 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Thaumatopsyllidae sp. 707DZMB/2586252 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Giselinidae sp. 745DZMB/2586256 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Giselinidae sp. 723DZMB/2586257 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Centobnaster/2586258 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Vannella samoroda/2591203 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	G12T	Detected
Aphelidium collabens/2591339 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Longipedia coronata/2592942 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Haplosclerida sp. A KZ-2019/2593691 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coscinoderma mathewsi/2604249 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Breviatea sp./2611274 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Ichthyosporea sp./2611340 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Amoebozoa sp. Union16-1-3/2650216 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Polulichloris ovalis/2650545 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Cerviniella lagarderei/2652007 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Prodiscocephalus cf. borrori/2652899 Analyzed Accessions: 1			
1	Forward	C8T	Detected
Acusicola margulisae/2690413 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Kalinella aerea/2704664 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Parathalestris verrucosa/2704931 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Nebalia lagartensis/2705164 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tedaniidae sp. KZ-2020/2705381 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chlorellaceae endosymbiont/2708138 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium heterothallicum/2708265 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tritostichococcus coniocybes/2710711 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Tritostichococcus corticulus/2710716 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Tritostichococcus solitus/2710717 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium rostratifengens/2711122 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Globisporangium rostratum/2711123 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Colponemidia sp. Colp-10/2717461 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Colponemidia sp. Colp-15/2717462 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Agelas schmidtii/2723817 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Micractinium variabile/2726146 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Stramenopiles sp. HFCC218/2728152 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Micractinium tetrahymenae/2728915 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Choricystis krienitzii/2732264 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Choricystis limnetica/2732265 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Lewinosphaera symbiontica/2732266 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Deuterostichococcus/2735163 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Phakellia robusta/2738514 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lepeophtheirus nordmannii/2742169 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Chlorellales sp. SEC_LI_ChL_1/2750746 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Neglectella glomerata/2752372 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Shuttle vector pNATX13-XF36-RS26795/2766706 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Shuttle vector pNATX13-hmtC/2766707 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Shuttle vector pNATX13-ktzT/2766708 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Shuttle vector pNATX13-padO/2766709 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Shuttle vector pNATX13-sfaC/2766710 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Shuttle vector pNATX13-matF/2766948 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chlorella cf. pituita WT-3-1-L2/2768420 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Caligus undulatus/2778592 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Askenasia chlorelligera/2778692 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Galaxia gaviotensis/2785323 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coleochlamys apoda/2787619 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Poikilospermum cordifolium/2792736 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Stramenopiles sp. MAST-3C-sp1/2805722 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Stramenopiles sp. MAST-7B-sp1/2805729 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Bicosoecidae sp./2812505 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Demospongiae sp./2813625 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Kiyohimea aurita/2813894 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bolinopsis aff. vitrea KOK17-BW13/2813926 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bolinopsis aff. vitrea KOK17-BW5/2813927 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bolinopsis aff. vitrea KOK2017-BW21Bv/2813928 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bolinopsis aff. vitrea Moorea-6972/2813929 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Deiopea aff. kaloktenota D499-D11/2813930 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Deiopea aff. kaloktenota Dkal12March99/2813931 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dexiotrichides pangii/2814300 Analyzed Accessions: 1			
1	Forward	C1-, C2-	Detected
Ergasilus sieboldi/2821153 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Paraergasilus longidigitus/2821154 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Caligus furcisetifer/2825184 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Caligus tetrodontis/2825185 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Clathria calla/2849257 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Spongiidae sp. BZ235/2849285 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Thorectinae sp. CU145/2849315 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bubarida sp. CU253/2849330 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bubarida sp. CU261/2849332 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Polymastiida sp. KY090/2849353 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Poecilosclerida sp. NZCC4/2849402 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinellida sp. NZTC3/2849404 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Axinellida sp. NZTC4/2849405 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haplosclerida sp. SX032/2849414 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haplosclerida sp. SX233/2849435 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haplosclerida sp. SX236/2849436 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Haplosclerida sp. SX252/2849439 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Haplosclerida sp. SX270/2849440 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Neamphius cf. huxleyi RT-2021/2871189 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Achlya diffusa/2875799 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Newbya androgyna/2875801 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Saprolegniales sp./2876150 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Txikispora philomaia/2876884 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Brachonella comma/2879504 Analyzed Accessions: 1			
1	Forward	G12T	Detected
Aphelidium parallelum/2881229 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pandarus satyrus/2891244 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Paratimea loennbergi/2893223 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Halicnemias gallica/2893224 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halicnemias caledoniensis/2893225 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Paratimea dentata/2893228 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Develocanicus vyazemskyi/2898037 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Develocauda condao/2898042 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Feodosia pseudopoda/2898045 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Coronacoccus hengyangensis/2898790 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Fibulia occiensis/2901867 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Chlorella cf. sorokiniana VS-2022/2911188 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Augeneria cf. tentaculata UMBergen_NB_pol/2912913 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Isoetes biafrana/2918683 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hirugamonas aperieos/2919515 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Podomonas magna/2925398 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Eremochloris kamchatica/2932234 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Eupodidae sp./2945566 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Urera cameroonensis/2952670 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Urera cf. cordifolia Ur15/2952676 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Alebion carchariae/2953963 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Anthessius cucullatus/2961883 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Panaetis yamagutii/2961887 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ubyseya fretuma/2968506 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Stenamoeba aeronauta/2971262 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Phyllopodopsyllus kitazimai/2998107 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Nibbleromonas/3004211 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Diexanthema hakuohmaruae/3004509 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Kanabo kenzan/3014014 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ava limnothalassea/3035975 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	Forward	A14T	Detected
Nomia picochloropsia/3035976 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Pandarus sinuatus/3041738 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Pandarus cranchii/3041739 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Mastreximonas tlaamin/3043345 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Desmotetra delicata/3044188 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Suberites lambei/3053597 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Hymeniacidon fusiformis/3063795 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Obruta collector/3063803 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Obliquicauda/3072457 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Oocystaenium elegans/3072976 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Parachlorella kimitsuensis/3075322 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Uvulifera/3075449 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Sirolpidium litorale/3080051 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Binuclearia lauterbornii/3087189 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Chaetodoryx/3089094 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Nuclearia leuckarti/3098094 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Dermoergasilus/3113876 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ergasilus lizae/3118103 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Parahigginsia/3118267 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Brianola/3119541 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Amphimedon nodosa/3122426 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Petromica/3127774 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Plagiocampa longis/3133838 Analyzed Accessions: 1			
1	Forward	A7T	Detected
Protaphelidium rhizoclonii/3138996 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Chlorobion obtusum/3139821 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ragelichloris palustris/3139823 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Porifera sp./3140030 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Bordeauxia parva/3151808 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Noirmoutieria diatomophaga/3151810 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Mertensiidae sp./3153813 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halichondria dokdoensis/3239190 Analyzed Accessions: 1			
1	Forward	C1-	Detected
Diplazium fadyenii/3239525 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lyrocteis imperatoris/3279364 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Pterygioteis nigrolimbatus/3279442 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Ceratopsion rugosum/3291069 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Cliothosa delitrix/3291350 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Halichondria genitrix/3292564 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Janusya adusta/3293479 Analyzed Accessions: 1			

#Accessions	Oligo	Mutation	Impact
1	NA	No Mutations	Detected
Lycopodina cupressiformis/3293962 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Lycopodina lycopodium/3293972 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Mycale lampira/3294148 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Tethytimea authia/3296245 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Topsentia fernaldi/3296404 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Daedalopelta cavernicola/3297194 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Gamispatululus schizodontis/3367749 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Heteroscleromorpha gen. n. sp. s JAD-2024/3386708 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Heteroscleromorpha fam. n. sp. 1 JAD-2024/3386709 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Apicomplexa sp. corallicolid ex Madracis mirabilis/3391652 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Clematis menglaensis/3405429 Analyzed Accessions: 1			
1	NA	No Mutations	Detected
Coccomyxa cattiensis/3434540 Analyzed Accessions: 1			
1	Forward	A14T	Detected
Ergasilus barbi/3452338 Analyzed Accessions: 1			
1	Forward	C3T	Detected
Ergasilus rostralis/3452339 Analyzed Accessions: 1			
1	Forward	C3T	Detected