

## SUPPLEMENTARY INFORMATION

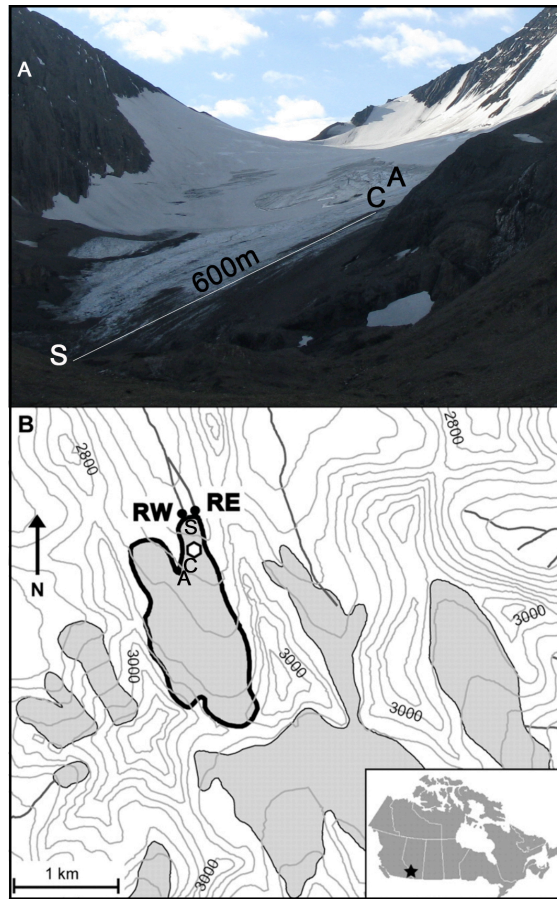
### METHODS

**Sample Collection.** Subglacial sediments were collected aseptically from the eastern drainage of Robertson Glacier (RE) using spatulas and spoons that were flame sterilized immediately before sample collection. Fine-grained sediments were collected from a point ~ 1 meter from the back of an ice cave at RE. RE was selected over the western drainage of Robertson Glacier (RW) for sampling due to the unstable nature of the ice cave present at RW. Subglacial sediments were collected from the top 0.5 cm of the sediment deposition zone and subsamples were immediately placed in pre-sterilized microcentrifuge tubes (DNA-based analyses) or microcentrifuge tubes containing 500  $\mu$ L RNALater (RNA-based analyses), as described in the main body of the text. Triplicate subsamples of subglacial sediments for use in DNA and RNA-based analyses were collected randomly from 6 sites in the ice cave sediment deposition zone over an area ~ 0.5 m<sup>2</sup>, and then a random draw of 3 aliquots of sediment from 3 of these locations were used in nucleic acid extractions. Cryoconite debris was collected from a prominent (~ 10 cm diameter) cryoconite melt hole ~ 600 m up the glacier from RE. While numerous cryoconite melt holes exist on the surface of RG, this particular melt hole was selected on the basis of its larger size relative to other adjacent melt holes and the hypothesis that surface discharge from this collection of melt holes would potentially drain into the subglacial environment via the largest moulin on the surface of the glacier. Triplicate ~ 1 g subsamples of sediment were collected randomly from the top 0.5 cm of the sediment layer for use in DNA- and RNA-based analyses, as described above. The site for collecting snow from the surface of RG was also chosen on the basis of its close proximity to the very large moulin on the surface of

RG and the hypothesis that debris from the melt water would feed into the subglacial environment through this feature. The surface layer (down to ~1 cm depth) of the snow was loosely packed into 3 sterile 500-mL sterile polypropylene bottles using a flame-sterilized spoon. The triplicate subsamples of snow were sampled over an area of ~ 4 m<sup>2</sup>. All subglacial sediment, cryoconite, and snow samples were frozen immediately using dry ice. Samples were transported from the field site to Montana State University on dry ice and, once at the lab, were placed at -80°C until further processed. At the lab snow samples were thawed at 4°C, homogenized by shaking, and dispensed into clean and autoclave-sterilized 500-mL centrifuge bottles. The debris in the melted snow was concentrated via centrifugation (14,000 x g, 5 min., 4°C). Following centrifugation, melt water was decanted and the debris pellet from each triplicate sample was transferred into triplicate bead beating tubes using a sterilized spatula and subjected to nucleic acid extraction immediately. The dry weight solids content of the snow debris, subglacial sediments and cryoconite sediments was determined by drying the material left after bead beating extraction at 80°C for 24 hrs.

The temperature and pH of the fluids overlaying the subglacial sediments and cryoconite debris were determined using a temperature compensated model 59002-00 Cole-Parmer electrode. An alcohol thermometer was used to confirm temperature. The temperature of snow was measured by inserting the alcohol thermometer laterally in the top 0.5 cm of the snow. The pH of the snow was determined using the decanted melt water. The conductivity of the fluids overlaying the subglacial sediments and cryoconite debris was determined using a YSI model 33 S-C-T meter (Yellow Springs Instrument Company, Inc., Yellow Springs, Ohio). Conductivity

values were standardized to a common temperature of 25.0°C as previously described (Hamilton et al, 2011). Additional details of the chemistry of the fluids overlaying subglacial sediments as well as subglacial sediment porewater chemistry has been previously reported (Boyd et al, 2010, Boyd et al, 2011).



**Supp. Fig. 1.** Photograph from the terminus of Robertson Glacier looking up the glacier. Sampling sites are denoted as S: Subglacial sediments; C: Cryoconite melthole; A: snow (Panel A). Topographic map of Robertson Glacier showing the RE and RW subglacial stream drainages and the location of the sampling sites, S: Subglacial sediments; C: Cryoconite melthole; A: snow. The location of RG (star) in Alberta, Canada is shown in the inset (Panel B). Map adapted from Boyd et al, 2011.

**Supplemental Table 1.** Physical and chemical data for the subglacial meltwater at the site of subglacial sediment collection. Measurements were also performed on the water overlaying the cryoconite melt hole and on melted snow.

Sample	pH	Temp. (°C)	Cond. (µmhos/cm)
Subglacial	8.8	0.3	110
Cryoconite	8.2	0.1	18
Snow <sup>a</sup>	7.0	0.1	-

<sup>a</sup>pH measured after melting, conductivity not measured.

Supplemental Table 2. Frequency, accession numbers and affiliations of archaeal 16S rRNA and rDNA sequences.

Number of OTUs						Taxonomy <sup>a</sup>		Rep Seq <sup>b</sup>	Accession Number
Subglacial DNA	Subglacial cDNA	Cryoconite DNA	Cryoconite cDNA	Snow DNA	Snow cDNA	Phylum	Genus		
1	2	1	0	0	0	Euryarchaeota	Ferroplasma	RG-Arch1	SAMN01729343
5	34	9	65	0	0	Euryarchaeota	Methanosarcina	RG-Arch2	SAMN01729344
117	93	124	71	0	0	Euryarchaeota	Methanosphaerula	RG-Arch3	SAMN01729345
0	1	0	0	1	2	Thaumarchaeota	Nitrososphaera	RG-Arch4	SAMN01729346
2	1	2	0	132	128	Thaumarchaeota	Nitrososphaera	RG-Arch5	SAMN01729347
0	0	0	0	2	3	Crenarchaeota	Thermosphaera	RG-Arch6	SAMN01729348
0	0	0	0	1	3	Crenarchaeota	Desulfurococcus	RG-Arch7	SAMN01729349
0	5	0	0	0	0	Euryarchaeota	Methanosaeta	RG-Arch8	SAMN01729350
1	0	0	0	0	0	Euryarchaeota	Methanoregula	RG-Arch9	SAMN01729351
8	0	0	0	0	0	Crenarchaeota	Pyrobaculum	RG-Arch10	SAMN01729352
1	0	0	0	0	0	Crenarchaeota	Thermoproteus	RG-Arch11	SAMN01729353
1	0	0	0	0	0	Euryarchaeota	Methanoregula	RG-Arch12	SAMN01729354

<sup>a</sup>Closest cultured representative as determined by BLASTn

<sup>b</sup>Representative sequence

Supplemental Table 3. Frequency, accession numbers and affiliations of archaeal 16S rRNA and rDNA sequences.

Number of OTUs						Taxonomy <sup>a</sup>		Rep Seq <sup>b</sup>	Accession Number
Subglacial DNA	Subglacial cDNA	Cryoconite DNA	Cryoconite cDNA	Snow DNA	Snow cDNA	Phylum	Genus		
85	294	171	199	0	0	Proteobacteria	Sideroxydans	RG-Bac1	
109	186	57	53	0	0	Proteobacteria	Denitratisona	RG-Bac2	SAMN01729355
14	105	0	5	22	0	Proteobacteria	Salmonella	RG-Bac3	SAMN01729356
99	125	93	70	506	109	Bacteroidetes	Ferruginibacter	RG-Bac4	SAMN01729357
3	2	10	4	15	0	Bacteroidetes	Ferruginibacter	RG-Bac5	SAMN01729358
116	83	74	113	9	87	Proteobacteria	Curvibacter	RG-Bac6	SAMN01729359
0	41	0	3	0	0	Bacteroidetes	Wandonia	RG-Bac7	SAMN01729360
186	111	394	449	476	553	Proteobacteria	Polaromonas	RG-Bac8	SAMN01729361
0	8	1	11	72	14	Bacteroidetes	Arcicella	RG-Bac9	SAMN01729362
5	46	3	6	0	0	Firmicutes	Weissella	RG-Bac10	SAMN01729363
123	69	153	41	10	251	Firmicutes	Paenisporosarcina	RG-Bac11	SAMN01729364
1	30	14	13	3	5	Bacteroidetes	Cryomorpha	RG-Bac12	SAMN01729365
1	27	11	1	0	0	Bacteroidetes	Flavobacterium	RG-Bac13	SAMN01729366
1	5	1	1	0	0	Bacteroidetes	Segetibacter	RG-Bac14	SAMN01729367
72	72	20	31	0	2	Proteobacteria	Pelobacter	RG-Bac15	SAMN01729368
0	14	3	0	0	0	Bacteroidetes	Pedobacter	RG-Bac16	SAMN01729369
1	5	1	23	0	0	Firmicutes	Gracilibacter	RG-Bac17	SAMN01729370
0	1	0	0	0	0	Bacteroidetes	Pedobacter	RG-Bac18	SAMN01729371
0	1	2	2	0	0	Bacteroidetes	Sporocytophaga	RG-Bac19	SAMN01729372
50	2	57	25	0	0	Proteobacteria	Rhodobacter	RG-Bac20	SAMN01729373
37	1	6	24	0	0	Proteobacteria	Rhodofera	RG-Bac21	SAMN01729374
0	1	0	0	0	0	Deinococcus-Thermus	Truepera	RG-Bac22	SAMN01729375
8	3	0	0	0	0	Firmicutes	Clostridium	RG-Bac23	SAMN01729376
2	2	2	0	0	34	Firmicutes	Anaerovibrio	RG-Bac24	SAMN01729377
0	3	0	0	0	0	Proteobacteria	Ralstonia	RG-Bac25	SAMN01729378
13	3	2	1	0	0	Proteobacteria	Lysobacter	RG-Bac26	SAMN01729379
17	1	3	5	3	0	Bacteroidetes	Hymenobacter	RG-Bac27	SAMN01729380
8	1	3	1	0	0	Deinococcus-Thermus	Deinococcus	RG-Bac28	SAMN01729381
7	3	1	0	2	0	Proteobacteria	Sphingomonas	RG-Bac29	SAMN01729382
1	5	0	0	0	0	Proteobacteria	Escherichia	RG-Bac30	SAMN01729383
0	1	0	2	0	0	Firmicutes	Desulfosporosinus	RG-Bac31	SAMN01729384
0	2	3	0	0	0	Verrucomicrobia	Verrucomicrobium	RG-Bac32	SAMN01729385
7	0	98	123	68	190	Proteobacteria	Piscinibacter	RG-Bac33	SAMN01729386
4	3	3	0	0	5	Proteobacteria	Sphingomonas	RG-Bac34	SAMN01729387
0	1	0	0	0	0	Firmicutes	Bacillus	RG-Bac35	SAMN01729388
0	2	0	0	0	0	Bacteroidetes	Cytophaga	RG-Bac36	SAMN01729389
0	1	0	1	0	0	Firmicutes	Clostridium	RG-Bac37	SAMN01729390
0	1	0	0	0	0	Nitrospira	Thermodesulfobivrio	RG-Bac38	SAMN01729391

0	2	0	0	0	0	Firmicutes	Clostridium	RG-Bac39	SAMN01729392
6	0	0	0	0	0	Proteobacteria	Peredibacter	RG-Bac40	SAMN01729393
0	1	0	0	0	0	Proteobacteria	Bdellovibrio	RG-Bac41	SAMN01729394
11	1	4	3	4	0	Proteobacteria	Methylomonas	RG-Bac42	SAMN01729395
3	1	5	1	15	1	Bacteroidetes	Hymenobacter	RG-Bac43	SAMN01729396
1	0	2	1	0	0	Chloroflexi	Herpetosiphon	RG-Bac44	SAMN01729397
0	1	0	0	0	0	Bacteroidetes	Emticia	RG-Bac45	SAMN01729398
0	1	0	0	0	0	Firmicutes	Streptococcus	RG-Bac46	SAMN01729399
0	2	1	0	0	0	Proteobacteria	Cystobacter	RG-Bac47	SAMN01729400
8	2	0	0	0	0	Firmicutes	Staphylococcus	RG-Bac48	SAMN01729401
0	1	1	0	0	0	Bacteroidetes	Chryseobacterium	RG-Bac49	SAMN01729402
2	1	1	0	0	0	Proteobacteria	Sphingopyxis	RG-Bac50	SAMN01729403
5	1	3	7	41	8	Proteobacteria	Massilia	RG-Bac51	SAMN01729404
0	0	2	1	0	0	Proteobacteria	Sulfitobacter	RG-Bac52	SAMN01729405
0	1	0	0	0	0	Bacteroidetes	Flavisolibacter	RG-Bac53	SAMN01729406
0	1	1	2	0	0	Proteobacteria	Geobacter	RG-Bac54	SAMN01729407
0	0	1	2	0	0	Bacteroidetes	Paludibacter	RG-Bac55	SAMN01729408
0	1	0	0	0	0	Chloroflexi	Chloroflexus	RG-Bac56	SAMN01729409
0	0	1	0	1	0	Proteobacteria	Devosia	RG-Bac57	SAMN01729410
7	0	1	5	0	12	Proteobacteria	Aquabacterium	RG-Bac58	SAMN01729411
14	0	3	3	9	1	Proteobacteria	Leptothrix	RG-Bac59	SAMN01729412
0	0	1	9	0	0	Proteobacteria	Phaselicystis	RG-Bac60	SAMN01729413
2	0	1	6	0	0	Actinobacteria	Ilumatobacter	RG-Bac61	SAMN01729414
10	0	4	6	1	0	Proteobacteria	Arenimonas	RG-Bac62	SAMN01729415
0	0	0	2	0	0	Proteobacteria	Janthinobacterium	RG-Bac63	SAMN01729416
2	0	3	6	0	0	Proteobacteria	Byssovorax	RG-Bac64	SAMN01729417
0	0	0	4	0	0	Verrucomicrobia	Haloferula	RG-Bac65	SAMN01729418
0	0	1	2	4	0	Actinobacteria	Agreia	RG-Bac66	SAMN01729419
0	0	0	2	0	0	Actinobacteria	Solirubrobacter	RG-Bac67	SAMN01729420
0	0	0	1	0	0	Bacteroidetes	Marinifilum	RG-Bac68	SAMN01729421
22	0	7	2	0	0	Proteobacteria	Methylibium	RG-Bac69	SAMN01729422
0	0	0	0	6	0	Proteobacteria	Variovorax	RG-Bac70	SAMN01729423
0	0	0	2	0	0	Actinobacteria	Eggerthella	RG-Bac71	SAMN01729424
0	0	1	1	0	0	Proteobacteria	Polyangium	RG-Bac72	SAMN01729425
0	0	1	0	0	0	Proteobacteria	Cellvibrio	RG-Bac73	SAMN01729426
16	0	0	0	0	0	Verrucomicrobia	Opitutus	RG-Bac74	SAMN01729427
2	0	0	2	0	0	Proteobacteria	Nannocystis	RG-Bac75	SAMN01729428
0	0	3	0	0	0	Actinobacteria	Iamia	RG-Bac76	SAMN01729429
0	0	2	1	3	0	Actinobacteria	Oryzihumus	RG-Bac77	SAMN01729430
0	0	0	0	0	3	Proteobacteria	Pseudomonas	RG-Bac78	SAMN01729431
0	0	0	0	0	2	Proteobacteria	Thioalkalivibrio	RG-Bac79	SAMN01729432
1	0	0	0	0	0	Proteobacteria	Legionella	RG-Bac80	SAMN01729433



0	0	0	0	0	1	Proteobacteria	Thiohalocapsa	RG-Bac81	SAMN01729434
133	0	0	0	0	0	Aquificae	Sulfurihydrogenibium	RG-Bac82	SAMN01729435
11	0	0	0	0	0	Proteobacteria	Sulfuricurvum	RG-Bac83	SAMN01729436
3	0	0	0	0	0	Proteobacteria	Thiobacillus	RG-Bac84	SAMN01729437
8	0	0	0	0	0	Proteobacteria	Haemophilus	RG-Bac85	SAMN01729438
8	0	6	0	1	0	Proteobacteria	Sphingomonas	RG-Bac86	SAMN01729439
5	0	5	0	2	0	Proteobacteria	Gluconacetobacter	RG-Bac87	SAMN01729440
6	0	0	0	0	0	Proteobacteria	Nitrospina	RG-Bac88	SAMN01729441
5	0	0	0	0	0	Firmicutes	Lactobacillus	RG-Bac89	SAMN01729442
2	0	0	0	0	0	Tenericutes	Spiroplasma	RG-Bac90	SAMN01729443
1	0	0	0	0	0	Proteobacteria	Achromobacter	RG-Bac91	SAMN01729444
1	0	0	0	0	0	Deinococcus-Thermus	Thermus	RG-Bac92	SAMN01729445
2	0	0	0	0	0	Proteobacteria	Nitrospina	RG-Bac93	SAMN01729446
1	0	0	0	0	0	Proteobacteria	Phenylobacterium	RG-Bac94	SAMN01729447
1	0	0	0	0	0	Proteobacteria	Rhizobacter	RG-Bac95	SAMN01729448
1	0	0	0	0	0	Proteobacteria	Sphingomonas	RG-Bac96	SAMN01729449
1	0	0	0	0	0	Nitrospirae	Nitrospira	RG-Bac97	SAMN01729450
1	0	0	0	0	0	Aquificae	Thermocrinis	RG-Bac98	SAMN01729451
1	0	0	0	0	0	Nitrospira	Nitrospira	RG-Bac99	SAMN01729452
1	0	0	0	0	0	Bacteroidetes	Sediminibacterium	RG-Bac100	SAMN01729453
1	0	11	0	1	0	Deinococcus-Thermus	Deinococcus	RG-Bac101	SAMN01729454
1	0	0	0	0	0	Acidobacteria	Acidobacterium	RG-Bac102	SAMN01729455
1	0	0	0	0	0	Proteobacteria	Devosia	RG-Bac103	SAMN01729456
1	0	0	0	0	0	Proteobacteria	Alcaligenaceae	RG-Bac104	SAMN01729457
0	0	5	0	0	0	Gemmatimonadetes	Gemmatimonas	RG-Bac105	SAMN01729458
0	0	3	0	0	0	Verrucomicrobia	Luteolibacter	RG-Bac106	SAMN01729459
0	0	1	0	0	0	Proteobacteria	Lysobacter	RG-Bac107	SAMN01729460
0	0	1	0	0	0	Firmicutes	Paenibacillus	RG-Bac108	SAMN01729461
0	0	0	0	1	0	Proteobacteria	Hermiimonas	RG-Bac109	SAMN01729462
0	0	1	0	0	0	Bacteroidetes	Rudanella	RG-Bac110	SAMN01729463
0	0	1	0	0	0	Proteobacteria	Bdellovibrio	RG-Bac111	SAMN01729464
0	0	2	0	0	0	Proteobacteria	Methylotenera	RG-Bac112	SAMN01729465
0	0	0	0	1	0	Bacteroidetes	Hymenobacter	RG-Bac113	SAMN01729466
0	0	1	0	0	0	Firmicutes	Erysipelothrix	RG-Bac114	SAMN01729467
0	0	1	0	0	0	Proteobacteria	Aquicella	RG-Bac115	SAMN01729468
0	0	1	0	0	0	Planctomycetes	Singulisphaera	RG-Bac116	SAMN01729469
0	0	1	0	0	0	Proteobacteria	Sandarakinorhabdus	RG-Bac117	SAMN01729470
0	0	1	0	0	0	Proteobacteria	Phaselicystis	RG-Bac118	SAMN01729471
0	0	1	0	0	0	Actinobacteria	Nocardioides	RG-Bac119	SAMN01729472
0	0	0	0	2	0	Proteobacteria	Massilia	RG-Bac120	SAMN01729473

<sup>a</sup>Closest cultured representative as determined by BLASTn

<sup>b</sup>Representative sequence

Supplemental Table 4. Frequency, accession numbers and affiliations of eukaryal 18S rRNA and rDNA sequences.

Number of OTUs						Taxonomy <sup>a</sup>		Rep Seq <sup>b</sup>	Accession Number
Subglacial DNA	Subglacial cDNA	Cryoconite DNA	Cryoconite cDNA	Snow DNA	Snow cDNA	Phylum	Genus		
2	0	0	0	0	0	Magnoliophyta	<i>Musa acuminata</i> subsp. <i>burmannicoides</i>	RG-Euk1	SAMN01729474
3	4	6	0	1	0	Ciliophora	<i>Spathidium</i> sp. 2 VBOEF2011	RG-Euk2	SAMN01729475
2	8	303	350	330	489	Chlorophyta	<i>Chlamydomonas</i> sp. CCAP 11/158	RG-Euk3	SAMN01729476
80	81	17	0	0	0	Ciliophora	<i>Tokophrya lemnae</i>	RG-Euk4	SAMN01729477
53	16	4	0	109	67	Basidiomycota	<i>Leucosporidium</i> sp. AY30	RG-Euk5	SAMN01729478
144	141	44	16	2	0	Ciliophora	<i>Amphisiella magnigranulosa</i>	RG-Euk6	SAMN01729479
8	7	0	0	1	0	Ciliophora	<i>Amphileptus aescetae</i>	RG-Euk7	SAMN01729480
7	37	51	93	1	33	Chlorophyta	<i>Diplosphaera</i> sp. W1118	RG-Euk8	SAMN01729481
11	1	0	0	0	0	Streptophyta	<i>Taraxacum koksaghyz</i>	RG-Euk9	SAMN01729482
9	0	0	0	0	0	Ciliophora	<i>Lacrymaria marina</i>	RG-Euk10	SAMN01729483
3	92	8	25	1	0	Chlorophyta	<i>Neosporangium gelatinosum</i>	RG-Euk11	SAMN01729484
6	0	9	0	0	0	Ciliophora	<i>Stokesia vernalis</i>	RG-Euk12	SAMN01729485
5	0	0	0	1	0	Ciliophora	<i>Tiarina fusa</i>	RG-Euk13	SAMN01729486
6	0	3	0	0	77	Ciliophora	<i>Stokesia vernalis</i>	RG-Euk14	SAMN01729487
66	61	72	98	2	0	Chlorophyta	<i>Pseudendocloniopsis botryoides</i>	RG-Euk15	SAMN01729488
23	14	13	20	26	34	Chlorophyta	<i>Chloromonas nivalis</i>	RG-Euk16	SAMN01729489
11	12	0	5	3	0	Chlorophyta	<i>Pseudendocloniopsis botryoides</i>	RG-Euk17	SAMN01729490
4	0	3	0	0	0	Ciliophora	<i>Blepharisma japonicum</i>	RG-Euk18	SAMN01729491
5	7	0	0	1	0	Amoebozoa	<i>Nolandella</i> sp. ATCC 50913	RG-Euk19	SAMN01729492
41	74	0	0	1	0	Ciliophora	<i>Sterkiella cavicola</i>	RG-Euk20	SAMN01729493
6	0	1	0	0	0	Oomycota	<i>Albugo laibachii</i> Nc14	RG-Euk21	SAMN01729494
6	0	1	0	0	0	Magnoliophyta	<i>Musa acuminata</i> subsp. <i>burmannicoides</i>	RG-Euk22	SAMN01729495
6	10	1	0	0	0	Magnoliophyta	<i>Lolium multiflorum</i>	RG-Euk23	SAMN01729496
2	0	1	0	0	0	Neocallimastigomycota	<i>Piromyces</i> sp. PGL25	RG-Euk24	SAMN01729497
7	0	1	0	0	0	Ciliophora	<i>Stokesia vernalis</i>	RG-Euk25	SAMN01729498
9	0	3	0	0	0	Ciliophora	<i>Stokesia vernalis</i>	RG-Euk26	SAMN01729499
2	2	0	3	0	0	Arthropoda	<i>Demodex folliculorum</i> isolate Df-5	RG-Euk27	SAMN01729500
3	0	0	0	0	0	Ciliophora	<i>Stokesia vernalis</i>	RG-Euk28	SAMN01729501
5	0	0	4	0	0	Ascomycota	<i>Verticillium dahliae</i>	RG-Euk29	SAMN01729502
6	10	1	0	1	0	Ciliophora	<i>Anteholosticha monilata</i>	RG-Euk30	SAMN01729503
128	14	99	45	1	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk31	SAMN01729504
2	23	0	3	1	0	Chlorophyta	<i>Scenedesmus obliquus</i>	RG-Euk32	SAMN01729505

66	2	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk33	SAMN01729506
3	0	0	0	1	0	Basidiomycota	Ustilago tritici isolate AFTOL-ID 1398	RG-Euk34	SAMN01729507
4	0	0	0	1	0	Basidiomycota	Pleurotus ostreatus	RG-Euk35	SAMN01729508
2	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk36	SAMN01729509
3	0	3	0	0	0	Ciliophora	Cryptocaryon irritans	RG-Euk37	SAMN01729510
1	0	3	0	0	0	Ciliophora	Homalogastra setosa isolate GT1	RG-Euk38	SAMN01729511
2	0	0	0	0	5	Chlorophyta	Chlamydomonas sp. CCAP 11/159	RG-Euk39	SAMN01729512
2	0	0	0	0	0	Choanozoa	Acanthoeca spectabilis	RG-Euk40	SAMN01729513
5	6	0	0	0	0	Cercozoa	Protaspis grandis	RG-Euk41	SAMN01729514
4	0	0	0	0	0	Basidiomycota	Malassezia pachydermatis	RG-Euk42	SAMN01729515
0	1	0	0	0	0	Chytridiomycota	Hyaloraphidium curvatum strain SAG 235-1	RG-Euk43	SAMN01729516
4	5	0	2	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk44	SAMN01729517
4	0	0	0	0	0	Alveolata	Blepharisma japonicum	RG-Euk45	SAMN01729518
2	0	0	0	0	0	Amoebozoa	Platyamoeba sp. strain VV/I	RG-Euk46	SAMN01729519
1	0	0	0	0	0	Amoebozoa	Vannella aberdonica strain ATCC 50815	RG-Euk47	SAMN01729520
0	3	0	0	0	0	Chlorophyta	Pseudendocloniopsis botryoides	RG-Euk48	SAMN01729521
3	0	0	0	0	0	Basidiomycota	Pseudozyma aphidis strain JCM 10318	RG-Euk49	SAMN01729522
1	0	0	0	0	0	Chytridiomycota	Chytridiales sp. AF021	RG-Euk50	SAMN01729523
1	2	1	0	0	0	Chytridiomycota	Spizellomyces sp. NBRC 106283	RG-Euk51	SAMN01729524
2	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk52	SAMN01729525
87	78	153	31	160	0	Cercozoa	Cercozoa sp. CC-2009d	RG-Euk53	SAMN01729526
4	1	1	0	1	0	Chytridiomycota	Rhizophyidium elyensis	RG-Euk54	SAMN01729527
1	9	0	0	1	0	Chlorophyta	Micractinium sp. CCAP 248/2	RG-Euk55	SAMN01729528
1	0	0	0	0	0	Ciliophora	Tokophrya lemnarum	RG-Euk56	SAMN01729529
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk57	SAMN01729530
2	0	0	0	0	0	Alveolata	Blepharisma japonicum	RG-Euk58	SAMN01729531
1	0	1	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk59	SAMN01729532
1	0	2	0	0	0	Ciliophora	Anophyroides haemophila	RG-Euk60	SAMN01729533
1	0	2	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk61	SAMN01729534
2	0	5	0	0	0	Ciliophora	Frontonia sp. CXR08040803	RG-Euk62	SAMN01729535
3	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk63	SAMN01729536
2	3	0	0	0	0	Cercozoa	Protaspis grandis	RG-Euk64	SAMN01729537
1	0	8	5	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk65	SAMN01729538
3	1	7	7	1	1	Basidiomycota	Leucosporidium sp. AY30	RG-Euk66	SAMN01729539
1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk67	SAMN01729540

0	1	3	14	3	6	Chlorophyta	Chloromonas nivalis	RG-Euk68	SAMN01729541
0	1	0	0	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk69	SAMN01729542
2	9	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk70	SAMN01729543
1	0	0	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk71	SAMN01729544
0	0	4	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk72	SAMN01729545
2	0	0	0	0	0	Chytridiomycota	Powellomyces variabilis strain BK91-11	RG-Euk73	SAMN01729546
2	0	0	0	0	0	Ciliophora	Mykophagophrys terricola	RG-Euk74	SAMN01729547
1	0	3	0	0	0	Ciliophora	Colpoda sp. MD-2011	RG-Euk75	SAMN01729548
3	4	0	1	3	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk76	SAMN01729549
4	0	0	0	0	0	Ascomycota	Hemicarpenetes paradoxus	RG-Euk77	SAMN01729550
1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk78	SAMN01729551
1	1	0	0	1	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk79	SAMN01729552
1	0	0	0	0	0	Ciliophora	Mykophagophrys terricola	RG-Euk80	SAMN01729553
1	2	0	0	1	1	Cercozoa	Assulina muscorum	RG-Euk81	SAMN01729554
1	0	0	0	0	0	Cercozoa	Protaspis grandis	RG-Euk82	SAMN01729555
0	2	0	0	8	0	Cercozoa	Protaspis grandis	RG-Euk83	SAMN01729556
0	0	14	0	0	0	Ciliophora	Stokesia vernalis 18S	RG-Euk84	SAMN01729557
0	1	0	0	0	0	Apicomplexa	Eimeria acervulina	RG-Euk85	SAMN01729558
1	2	0	7	3	0	Chlorophyta	Pseudendocloniopsis botryoides	RG-Euk86	SAMN01729559
0	1	1	3	1	5	Basidiomycota	Leucosporidium sp. AY30	RG-Euk87	SAMN01729560
1	2	0	0	1	0	Ascomycota	Thelebolus globosus	RG-Euk88	SAMN01729561
0	0	0	0	3	0	Cercozoa	Protaspis grandis	RG-Euk89	SAMN01729562
1	0	0	0	0	0	Cercozoa	Cercomonas sp. Tempisque	RG-Euk90	SAMN01729563
0	2	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk91	SAMN01729564
1	0	2	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk92	SAMN01729565
0	1	0	0	0	0	Amoebozoa	Vannella sp. COHH 61	RG-Euk93	SAMN01729566
0	0	3	0	0	0	Ciliophora	Colpoda sp. MD-2011	RG-Euk94	SAMN01729567
0	3	0	1	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk95	SAMN01729568
0	0	0	0	2	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk96	SAMN01729569
0	4	0	0	1	0	Ochrophyta	Xanthophyceae sp. IX3	RG-Euk97	SAMN01729570
1	0	0	0	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk98	SAMN01729571
0	0	0	3	0	0	Heterokontophyta	Hydrurus foetidus	RG-Euk99	SAMN01729572
1	0	0	0	0	0	Amoebozoa	Schizoplasmodiopsis vulgaris	RG-Euk100	SAMN01729573
2	0	6	0	0	0	Ciliophora	Oxytricha sp. Ox_L1	RG-Euk101	SAMN01729574
0	7	0	0	1	0	Ascomycota	Taphrina vestergrenii	RG-Euk102	SAMN01729575

1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk103	SAMN01729576
1	0	0	0	0	0	Basidiomycota	Leucosporidium sp. AY30	RG-Euk104	SAMN01729577
0	6	0	0	1	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk105	SAMN01729578
3	0	0	0	0	0	Cercozoa	Cercomonas sp. Tempisque	RG-Euk106	SAMN01729579
1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk107	SAMN01729580
1	0	0	0	0	0	Amoebozoa	Entamoeba histolytica	RG-Euk108	SAMN01729581
0	1	0	0	0	0	Amoebozoa	Vannella aberdonica strain ATCC 50815	RG-Euk109	SAMN01729582
0	2	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk110	SAMN01729583
0	0	6	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk111	SAMN01729584
0	2	0	0	1	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk112	SAMN01729585
1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk113	SAMN01729586
0	1	0	0	0	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk114	SAMN01729587
1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk115	SAMN01729588
0	2	0	4	1	1	Basidiomycota	Leucosporidium sp. AY30	RG-Euk116	SAMN01729589
0	0	0	0	1	0	Chytridiomycota	Spizellomyces sp. NBRC 106283	RG-Euk117	SAMN01729590
0	0	0	0	1	3	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk118	SAMN01729591
0	1	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk119	SAMN01729592
1	1	0	0	0	0	Cercozoa	Heteromita globosa	RG-Euk120	SAMN01729593
1	1	0	1	1	0	Cercozoa	Protaspis grandis	RG-Euk121	SAMN01729594
0	2	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk122	SAMN01729595
0	0	0	0	0	6	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk123	SAMN01729596
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk124	SAMN01729597
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk125	SAMN01729598
0	1	0	0	0	0	Cercozoa	Protaspis sp. CC-2009b	RG-Euk126	SAMN01729599
1	0	0	0	0	0	Cercozoa	Protaspis sp. CC-2009b	RG-Euk127	SAMN01729600
1	0	0	0	0	0	Chytridiomycota	Rhizophydium elyensis isolate AFTOL-ID 693	RG-Euk128	SAMN01729601
0	0	0	0	1	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk129	SAMN01729602
0	0	1	0	0	0	Ciliophora	Homalogastra setosa isolate GT1	RG-Euk130	SAMN01729603
0	1	0	0	0	8	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk131	SAMN01729604
1	0	0	0	0	0	Amoebozoa	Saccamoeba limax	RG-Euk132	SAMN01729605
1	0	0	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk133	SAMN01729606
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk134	SAMN01729607
0	1	0	0	1	6	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk135	SAMN01729608
1	0	0	0	0	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk136	SAMN01729609
0	0	0	1	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk137	SAMN01729610

1	0	0	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk138	SAMN01729611
0	0	0	0	0	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk139	SAMN01729612
0	1	0	0	3	0	Chytridiomycota	Chytridiales sp. AF021	RG-Euk140	SAMN01729613
0	0	0	0	1	0	Amoebozoa	Nolandella sp. ATCC 50913	RG-Euk141	SAMN01729614
1	0	0	0	0	0	Amoebozoa	Vannella sp. JVW-2011	RG-Euk142	SAMN01729615
0	0	15	0	0	0	Alveolata	Blepharisma japonicum	RG-Euk143	SAMN01729616
0	1	0	0	0	0	Cercozoa	Heteromita globosa	RG-Euk144	SAMN01729617
1	0	0	0	0	0	Alveolata	Blepharisma japonicum	RG-Euk145	SAMN01729618
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk146	SAMN01729619
0	0	0	0	2	3	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk147	SAMN01729620
0	7	0	0	0	0	Blastocladiomycota	Allomyces arbuscula strain Brazil 2	RG-Euk148	SAMN01729621
0	5	0	0	0	0	Ascomycota	Melastiza cornubiensis	RG-Euk149	SAMN01729622
0	6	0	0	0	0	Fungi incertae sedis	Mortierella alpina M23	RG-Euk150	SAMN01729623
0	2	0	0	1	0	Cercozoa	Thaumatomonas seravini	RG-Euk151	SAMN01729624
0	3	0	0	1	3	Ascomycota	Penidiella columbiana strain CBS 486.80	RG-Euk152	SAMN01729625
0	2	0	0	0	0	Chytridiomycota	Kappamyces laurelensis	RG-Euk153	SAMN01729626
0	1	0	0	2	14	Basidiomycota	Leucosporidium sp. AY30	RG-Euk154	SAMN01729627
0	3	0	2	1	0	Blastocladiomycota	Allomyces arbuscula strain Brazil 2	RG-Euk155	SAMN01729628
0	5	0	0	2	0	Chytridiomycota	Boothiomycetes macroporosum strain PL AUS 2	RG-Euk156	SAMN01729629
0	2	0	0	0	0	Blastocladiomycota	Allomyces arbuscula strain Brazil 2	RG-Euk157	SAMN01729630
0	3	0	0	0	4	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk158	SAMN01729631
0	3	0	0	0	0	Cercozoa	Placocista sp. CC-Grouse Mountain	RG-Euk159	SAMN01729632
0	4	0	0	0	0	Ochrophyta	Xanthonema sp. 395	RG-Euk160	SAMN01729633
0	1	0	0	1	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk161	SAMN01729634
0	2	0	0	1	0	Basidiomycota	Walleimia sebi	RG-Euk162	SAMN01729635
0	1	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk163	SAMN01729636
0	0	6	0	0	1	Basidiomycota	Leucosporidium sp. AY30	RG-Euk164	SAMN01729637
0	3	0	5	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk165	SAMN01729638
0	3	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk166	SAMN01729639
0	1	0	0	0	0	Amoebozoa	Soliformovum expulsus	RG-Euk167	SAMN01729640
0	1	0	0	1	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk168	SAMN01729641
0	2	0	0	2	0	Chytridiomycota	Rhizidium endosporangiatum	RG-Euk169	SAMN01729642
0	0	0	0	2	0	Glomeromycota	Scutellospora calospora	RG-Euk170	SAMN01729643
0	5	0	0	0	0	Chytridiomycota	Rhizophydium elyensis	RG-Euk171	SAMN01729644
0	1	0	0	0	0	Choanozoa	Paramoebidium sp. CMJ-2003	RG-Euk172	SAMN01729645

0	1	0	0	0	0	Chlorophyta	<i>Vitreochlamys incisa</i>	RG-Euk173	SAMN01729646
0	1	0	0	0	0	Cercozoa	<i>Thaumatomonas seravini</i>	RG-Euk174	SAMN01729647
0	2	0	0	0	0	Fungi incertae sedis	<i>Cochlonema euryblastum</i>	RG-Euk175	SAMN01729648
0	0	0	0	1	0	Ascomycota	<i>Sarcinomyces</i> sp. MA 4760	RG-Euk176	SAMN01729649
0	1	0	0	0	0	Fungi incertae sedis	<i>Mortierella alpina</i> M23	RG-Euk177	SAMN01729650
0	0	0	0	3	0	Cercozoa	<i>Thaumatomonas seravini</i>	RG-Euk178	SAMN01729651
0	1	0	0	0	0	Streptophyta	<i>Ceratodon purpureus</i>	RG-Euk179	SAMN01729652
0	0	0	0	1	0	Cercozoa	<i>Protaspis grandis</i>	RG-Euk180	SAMN01729653
0	2	0	0	0	0	Rhizopoda	<i>Vampyrella pendula</i>	RG-Euk181	SAMN01729654
0	0	0	2	2	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk182	SAMN01729655
0	1	0	0	0	0	Blastocladiomycota	<i>Allomyces arbuscula</i>	RG-Euk183	SAMN01729656
0	0	0	0	1	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk184	SAMN01729657
0	2	0	0	1	0	Ascomycota	<i>Melanops</i> sp. CBS118.39	RG-Euk185	SAMN01729658
0	2	0	7	1	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk186	SAMN01729659
0	1	0	0	0	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk187	SAMN01729660
0	0	0	0	1	0	Ascomycota	<i>Acremonium recife</i>	RG-Euk188	SAMN01729661
0	1	0	0	0	0	Ochrophyta	Botrydiopsidaceae sp. PAB 485	RG-Euk189	SAMN01729662
0	1	0	0	0	0	Cercozoa	<i>Placocista</i> sp. CC-Grouse Mountain	RG-Euk190	SAMN01729663
0	1	0	20	4	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk191	SAMN01729664
0	2	0	0	0	0	Ciliophora	<i>Anophyroides haemophila</i>	RG-Euk192	SAMN01729665
0	1	0	0	0	0	Basidiomycota	<i>Septobasidium westoni</i>	RG-Euk193	SAMN01729666
0	0	0	0	2	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk194	SAMN01729667
0	2	0	0	0	0	Amoebozoa	<i>Soliformovum expulsum</i>	RG-Euk195	SAMN01729668
0	0	0	0	1	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk196	SAMN01729669
0	1	0	0	0	0	Basidiomycota	<i>Rhizoctonia solani</i> isolate Q1	RG-Euk197	SAMN01729670
0	1	0	0	0	0	Amoebozoa	<i>Vannella</i> sp. COHH 61	RG-Euk198	SAMN01729671
0	1	0	0	1	0	Chytridiomycota	<i>Spizellomyces</i> sp. NBRC 105423	RG-Euk199	SAMN01729672
0	0	0	0	1	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk200	SAMN01729673
0	1	0	0	0	1	Ascomycota	<i>Phialocephala</i> sp. 7 CRG-2008 strain TS_97_0	RG-Euk201	SAMN01729674
0	1	0	0	0	0	Chlorophyta	<i>Kirchneriella phaseoliformis</i>	RG-Euk202	SAMN01729675
0	1	0	0	2	0	Rhizopoda	<i>Vampyrella pendula</i>	RG-Euk203	SAMN01729676
0	0	0	0	1	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk204	SAMN01729677
0	2	0	0	2	3	Cercozoa	<i>Heteromita globosa</i>	RG-Euk205	SAMN01729678
0	0	0	5	1	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk206	SAMN01729679
0	2	0	0	0	0	Ochrophyta	Botrydiopsidaceae sp. PAB 485	RG-Euk207	SAMN01729680



0	1	0	0	0	0	Glaucophyta	Cyanophora paradoxa	RG-Euk208	SAMN01729681
0	1	0	0	1	0	Cercozoa	Heteromita sp. PRA-74	RG-Euk209	SAMN01729682
0	1	0	0	0	0	Fungi incertae sedis	Cochlonema euryblastum	RG-Euk210	SAMN01729683
0	1	0	0	0	0	Ascomycota	Pyronema omphalodes	RG-Euk211	SAMN01729684
0	1	0	0	2	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk212	SAMN01729685
0	0	0	0	1	0	Chytridiomycota	Spizellomyces sp. NBRC 105423	RG-Euk213	SAMN01729686
0	0	0	0	1	0	Chlorophyta	Choricystis sp. TP-2009	RG-Euk214	SAMN01729687
0	1	0	0	0	0	Euglenozoa	Neobodo designis isolate JC12	RG-Euk215	SAMN01729688
0	1	0	0	3	0	Amoebozoa	Nolandella sp. ATCC 50913	RG-Euk216	SAMN01729689
0	2	0	0	1	0	Ascomycota	Taphrina vestergrenii	RG-Euk217	SAMN01729690
0	1	0	0	0	0	Cercozoa	Heteromita globosa	RG-Euk218	SAMN01729691
0	1	0	0	0	0	Amoebozoa	Nolandella sp. ATCC 50913	RG-Euk219	SAMN01729692
0	1	0	0	0	0	Chytridiomycota	Hyaloraphidium curvatum	RG-Euk220	SAMN01729693
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk221	SAMN01729694
0	0	0	0	0	7	Cercozoa	Heteromita globosa	RG-Euk222	SAMN01729695
0	0	0	0	3	0	Basidiomycota	Itersonilia perplexans isolate AFTOL-ID	RG-Euk223	SAMN01729696
0	0	0	0	1	0	Rhizopoda	Vampyrella pendula	RG-Euk224	SAMN01729697
0	1	0	0	0	0	Cercozoa	Neocercomonas sp. strain 9-4.1	RG-Euk225	SAMN01729698
0	1	0	0	0	0	Fungi incertae sedis	Basidiobolus ranarum strain NRRL 34594	RG-Euk226	SAMN01729699
0	0	0	0	1	0	Heterokontophyta	Pythiaceae sp. PHY2	RG-Euk227	SAMN01729700
0	0	0	0	1	6	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk228	SAMN01729701
0	1	0	0	1	3	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk229	SAMN01729702
0	1	0	0	0	0	Cercozoa	Trinema lineare	RG-Euk230	SAMN01729703
0	1	0	0	0	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk231	SAMN01729704
0	1	0	0	0	0	Ciliophora	Oxytricha sp. Ox_L1	RG-Euk232	SAMN01729705
0	0	0	0	1	0	Chlorophyta	Chloromonas nivalis	RG-Euk233	SAMN01729706
0	0	0	0	1	0	Blastocladiomycota	Allomyces arbuscula	RG-Euk234	SAMN01729707
0	1	0	0	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk235	SAMN01729708
0	1	0	0	0	0	Chytridiomycota	Spizellomyces sp. NBRC 106283	RG-Euk236	SAMN01729709
0	0	0	0	1	6	Cercozoa	Heteromita globosa	RG-Euk237	SAMN01729710
0	1	0	0	0	0	Amoebozoa	Platyamoeba sp. strain VV/I	RG-Euk238	SAMN01729711
0	1	0	0	0	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk239	SAMN01729712
0	1	0	0	0	0	Ascomycota	Taphrina vestergrenii	RG-Euk240	SAMN01729713
0	1	0	0	0	0	Amoebozoa	Soliformovum expulsum	RG-Euk241	SAMN01729714
0	1	0	0	0	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk242	SAMN01729715

0	1	0	0	0	0	Ascomycota	<i>Taphrina vestergrenii</i>	RG-Euk243	SAMN01729716
0	0	0	1	0	0	Chlorophyta	<i>Diplosphaera</i> sp. W1118	RG-Euk244	SAMN01729717
0	1	0	0	0	0	Chytridiomycota	<i>Rhizidium endosporangiatum</i>	RG-Euk245	SAMN01729718
0	0	0	0	0	1	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk246	SAMN01729719
0	1	0	0	0	0	Ascomycota	<i>Kloeckera lindneri</i>	RG-Euk247	SAMN01729720
0	1	0	1	0	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk248	SAMN01729721
0	0	0	0	1	0	Chlorophyta	<i>Chlamydomodium</i> sp. ML0301CTb	RG-Euk249	SAMN01729722
0	1	0	0	2	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk250	SAMN01729723
0	1	0	0	0	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk251	SAMN01729724
0	1	0	0	0	0	Cercozoa	<i>Cercomonas plasmodialis</i>	RG-Euk252	SAMN01729725
0	1	0	0	0	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk253	SAMN01729726
0	1	0	0	0	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk254	SAMN01729727
0	1	0	0	0	0	Cercozoa	<i>Neocercomonas</i> sp. strain 9-4.1	RG-Euk255	SAMN01729728
0	1	0	0	0	0	Cercozoa	<i>Cercomonas</i> sp. LargeSA	RG-Euk256	SAMN01729729
0	1	0	0	0	0	Chytridiomycota	<i>Rhizophyidium elyensis</i> isolate AFTOL-ID 693	RG-Euk257	SAMN01729730
0	1	0	0	0	0	Choanozoa	<i>Sphaerothecum destruens</i>	RG-Euk258	SAMN01729731
0	0	0	0	2	4	Basidiomycota	<i>Kriegeria eriophori</i> isolate AFTOL-ID 886	RG-Euk259	SAMN01729732
0	1	0	0	0	1	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk260	SAMN01729733
0	1	0	0	0	0	Blastocladiomycota	<i>Allomyces arbuscula</i> strain Brazil 2	RG-Euk261	SAMN01729734
0	0	0	0	0	1	Cercozoa	<i>Bodomorpha</i> sp. HFCC56	RG-Euk262	SAMN01729735
0	0	0	1	0	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk263	SAMN01729736
0	0	0	0	0	9	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk264	SAMN01729737
0	1	0	0	0	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC56	RG-Euk265	SAMN01729738
0	1	0	0	0	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk266	SAMN01729739
0	1	0	0	0	0	Amoebozoa	<i>Vannella</i> sp. COHH	RG-Euk267	SAMN01729740
0	1	0	0	1	2	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk268	SAMN01729741
0	1	0	0	0	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk269	SAMN01729742
0	0	0	2	0	0	Blastocladiomycota	<i>Allomyces arbuscula</i> strain Brazil 2	RG-Euk270	SAMN01729743
0	1	0	0	0	0	Amoebozoa	<i>Schizoplasmodiopsis vulgaris</i>	RG-Euk271	SAMN01729744
0	1	0	0	0	0	Cercozoa	<i>Protaspis grandis</i>	RG-Euk272	SAMN01729745
0	1	0	0	0	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk273	SAMN01729746
0	0	15	0	0	0	Ciliophora	<i>Blepharisma japonicum</i>	RG-Euk274	SAMN01729747
0	0	10	0	0	0	Ciliophora	<i>Dileptus costaricanus</i>	RG-Euk275	SAMN01729748
0	0	4	0	0	0	Ciliophora	<i>Blepharisma japonicum</i>	RG-Euk276	SAMN01729749
0	0	4	0	0	0	Ciliophora	<i>Tiarina fusa</i>	RG-Euk277	SAMN01729750

0	0	3	0	0	0	Ciliophora	Bryometopus pseudochilodon	RG-Euk278	SAMN01729751
0	0	1	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk279	SAMN01729752
0	0	1	0	0	0	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk280	SAMN01729753
0	0	1	0	0	0	Ciliophora	Blepharisma japonicum	RG-Euk281	SAMN01729754
0	0	1	0	1	0	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk282	SAMN01729755
0	0	1	0	0	0	Chlorophyta	Chlamydomonas reinhardtii strain SAG 53.72	RG-Euk283	SAMN01729756
0	0	1	0	0	0	Ciliophora	Frontonia didieri	RG-Euk284	SAMN01729757
0	0	1	0	0	0	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk285	SAMN01729758
0	0	1	0	0	0	Ciliophora	Stokesia vernalis	RG-Euk286	SAMN01729759
0	0	1	0	0	0	Amoebozoa	Hartmannella cantabrigiensis	RG-Euk287	SAMN01729760
0	0	1	0	0	0	Ciliophora	Homalogastra setosa isolate GT1	RG-Euk288	SAMN01729761
0	0	1	0	0	0	Ciliophora	Acineta sp. OSW-2003-3	RG-Euk289	SAMN01729762
0	0	0	58	1	0	Neocallimastigomycota	Piromyces sp. PGL25	RG-Euk290	SAMN01729763
0	0	0	9	0	0	Rhizopoda	Vampyrella pendula	RG-Euk291	SAMN01729764
0	0	0	11	0	0	Cercozoa	Heteromita globosa	RG-Euk292	SAMN01729765
0	0	0	4	0	0	Cercozoa	Heteromita globosa	RG-Euk293	SAMN01729766
0	0	0	2	2	0	Chlorophyta	Chloromonas nivalis	RG-Euk294	SAMN01729767
0	0	0	8	0	0	Cercozoa	Heteromita globosa	RG-Euk295	SAMN01729768
0	0	0	1	1	0	Cercozoa	Protaspis grandis	RG-Euk296	SAMN01729769
0	0	0	1	0	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk297	SAMN01729770
0	0	0	1	0	0	Chlorophyta	Pseudendoconiopsis botryoides	RG-Euk298	SAMN01729771
0	0	0	1	0	0	Rhizopoda	Vampyrella pendula	RG-Euk299	SAMN01729772
0	0	0	1	0	0	Basidiomycota	Leucosporidium sp. AY30	RG-Euk300	SAMN01729773
0	0	0	1	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk301	SAMN01729774
0	0	0	1	0	0	Basidiomycota	Leucosporidium sp. AY30	RG-Euk302	SAMN01729775
0	0	0	1	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk303	SAMN01729776
0	0	0	1	0	0	Chlorophyta	Pseudendoconiopsis botryoides	RG-Euk304	SAMN01729777
0	0	0	1	0	0	Chlorophyta	Pseudendoconiopsis botryoides	RG-Euk305	SAMN01729778
0	0	0	4	0	0	Cercozoa	Heteromita globosa	RG-Euk306	SAMN01729779
0	0	0	2	0	0	Cercozoa	Heteromita globosa	RG-Euk307	SAMN01729780
0	0	0	1	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk308	SAMN01729781
0	0	0	1	0	0	Cercozoa	Heteromita globosa	RG-Euk309	SAMN01729782
0	0	0	4	0	0	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk310	SAMN01729783
0	0	0	2	0	0	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk311	SAMN01729784
0	0	0	1	0	0	Neocallimastigomycota	Piromyces sp. PGL25	RG-Euk312	SAMN01729785

0	0	0	1	0	0	Rhizopoda	Vampyrella pendula	RG-Euk313	SAMN01729786
0	0	0	2	0	0	Rhizopoda	Vampyrella pendula	RG-Euk314	SAMN01729787
0	0	0	1	0	0	Cercozoa	Protaspis grandis	RG-Euk315	SAMN01729788
0	0	0	1	0	0	Ciliophora	Amphisiella magnigranulosa	RG-Euk316	SAMN01729789
0	0	0	1	0	0	Cercozoa	Heteromita globosa	RG-Euk317	SAMN01729790
0	0	0	1	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk318	SAMN01729791
0	0	0	1	0	0	Rhizopoda	Vampyrella pendula	RG-Euk319	SAMN01729792
0	0	0	1	0	0	Ciliophora	Amphisiella magnigranulosa	RG-Euk320	SAMN01729793
0	0	0	1	0	0	Blastocladiomycota	Allomyces arbuscula strain Brazil 2	RG-Euk321	SAMN01729794
0	0	0	4	0	0	Chrysophyta	Hydrurus foetidus	RG-Euk322	SAMN01729795
0	0	0	1	0	0	Neocallimastigomycota	Piromyces sp. PGL01	RG-Euk323	SAMN01729796
0	0	0	1	0	0	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk324	SAMN01729797
0	0	0	2	0	0	Cercozoa	Heteromita globosa	RG-Euk325	SAMN01729798
0	0	0	1	0	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk326	SAMN01729799
0	0	0	1	0	0	Neocallimastigomycota	Piromyces sp. PGL25	RG-Euk327	SAMN01729800
0	0	0	1	0	0	Chlorophyta	Diplosphaera sp. W1118	RG-Euk328	SAMN01729801
0	0	0	1	0	0	Cercozoa	Heteromita globosa	RG-Euk329	SAMN01729802
0	0	0	2	0	0	Chlorophyta	Cf. Chlorococcum sp. 105-99	RG-Euk330	SAMN01729803
0	0	0	1	0	0	Chlorophyta	Pseudendocloniopsis botryoides	RG-Euk331	SAMN01729804
0	0	0	1	1	0	Cercozoa	Heteromita globosa	RG-Euk332	SAMN01729805
0	0	0	1	0	0	Rhizopoda	Vampyrella pendula	RG-Euk333	SAMN01729806
0	0	0	1	0	0	Rhizopoda	Vampyrella pendula	RG-Euk334	SAMN01729807
0	0	0	1	0	0	Cercozoa	Heteromita globosa	RG-Euk335	SAMN01729808
0	0	0	1	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk336	SAMN01729809
0	0	0	1	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk337	SAMN01729810
0	0	0	1	0	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk338	SAMN01729811
0	0	0	1	0	0	Neocallimastigomycota	Piromyces sp. PGL25	RG-Euk339	SAMN01729812
0	0	0	0	2	2	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk340	SAMN01729813
0	0	0	0	1	0	Basidiomycota	Sporisorium formosanum AFTOL-ID 489	RG-Euk341	SAMN01729814
0	0	0	0	1	0	Rhizopoda	Vampyrella pendula	RG-Euk342	SAMN01729815
0	0	0	0	0	2	Cercozoa	Heteromita globosa	RG-Euk343	SAMN01729816
0	0	0	0	2	0	Chytridiomycota	Rhizophydium elyensis isolate AFTOL-ID 693	RG-Euk344	SAMN01729817
0	0	0	0	2	0	Streptophyta	Bryum donianum	RG-Euk345	SAMN01729818
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk346	SAMN01729819
0	0	0	0	1	0	Chlorophyta	Pseudendocloniopsis botryoides	RG-Euk347	SAMN01729820

0	0	0	0	2	0	Chlorophyta	<i>Pseudendocloniopsis botryoides</i>	RG-Euk348	SAMN01729821
0	0	0	0	2	0	Basidiomycota	<i>Leucosporidium</i> sp. AY30	RG-Euk349	SAMN01729822
0	0	0	0	1	0	Basidiomycota	<i>Kriegeria eriophori</i> isolate AFTOL-ID 886	RG-Euk350	SAMN01729823
0	0	0	0	2	0	Chlorophyta	<i>Lobochlamys segnis</i>	RG-Euk351	SAMN01729824
0	0	0	0	1	3	Cercozoa	<i>Bodomorpha</i> sp. HFCC56	RG-Euk352	SAMN01729825
0	0	0	0	1	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk353	SAMN01729826
0	0	0	0	1	0	Basidiomycota	<i>Laurilia sulcata</i>	RG-Euk354	SAMN01729827
0	0	0	0	2	0	Chlorophyta	<i>Ettlia carotinsa</i> strain SAG 213-4	RG-Euk355	SAMN01729828
0	0	0	0	1	0	Basidiomycota	<i>Leucosporidium</i> sp. AY30	RG-Euk356	SAMN01729829
0	0	0	0	1	0	Cercozoa	<i>Protaspis grandis</i>	RG-Euk357	SAMN01729830
0	0	0	0	1	0	Chlorophyta	<i>Cf. Pleurastrum</i> sp. CCCryo 340b-08	RG-Euk358	SAMN01729831
0	0	0	0	1	0	Chlorophyta	<i>Chloromonas nivalis</i>	RG-Euk359	SAMN01729832
0	0	0	0	1	0	Cercozoa	<i>Neocercomonas</i> sp. strain 9-4.1	RG-Euk360	SAMN01729833
0	0	0	0	1	0	Glaucophyta	<i>Cyanophora paradoxa</i>	RG-Euk361	SAMN01729834
0	0	0	0	1	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk362	SAMN01729835
0	0	0	0	1	0	Chlorophyta	<i>Chloromonas nivalis</i>	RG-Euk363	SAMN01729836
0	0	0	0	1	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk364	SAMN01729837
0	0	0	0	1	0	Cercozoa	<i>Thaumatomonas seravini</i>	RG-Euk365	SAMN01729838
0	0	0	0	1	0	Chlorophyta	<i>Diplosphaera</i> sp. W1118	RG-Euk366	SAMN01729839
0	0	0	0	1	0	Chlorophyta	<i>Scenedesmus obliquus</i>	RG-Euk367	SAMN01729840
0	0	0	0	1	0	Cercozoa	<i>Protaspis grandis</i>	RG-Euk368	SAMN01729841
0	0	0	0	1	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk369	SAMN01729842
0	0	0	0	1	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC56	RG-Euk370	SAMN01729843
0	0	0	0	2	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk371	SAMN01729844
0	0	0	0	1	0	Basidiomycota	<i>Walleimia sebi</i> strain EXF-757	RG-Euk372	SAMN01729845
0	0	0	0	1	0	Cercozoa	<i>Bodomorpha</i> sp. HFCC56	RG-Euk373	SAMN01729846
0	0	0	0	0	6	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk374	SAMN01729847
0	0	0	0	1	0	Chlorophyta	<i>Pseudendocloniopsis botryoides</i>	RG-Euk375	SAMN01729848
0	0	0	0	1	0	Glomeromycota	<i>Ambispora fennica</i>	RG-Euk376	SAMN01729849
0	0	0	0	1	4	Cercozoa	<i>Bodomorpha</i> sp. HFCC57	RG-Euk377	SAMN01729850
0	0	0	0	1	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk378	SAMN01729851
0	0	0	0	1	0	Cercozoa	<i>Capsellina</i> sp. ATCC 50039	RG-Euk379	SAMN01729852
0	0	0	0	1	0	Chytridiomycota	<i>Rhizophydium elyensis</i> isolate AFTOL-ID 693	RG-Euk380	SAMN01729853
0	0	0	0	1	0	Cercozoa	<i>Heteromita globosa</i>	RG-Euk381	SAMN01729854
0	0	0	0	1	0	Cercozoa	<i>Protaspis grandis</i>	RG-Euk382	SAMN01729855

0	0	0	0	1	0	Rhizopoda	Vampyrella pendula	RG-Euk383	SAMN01729856
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk384	SAMN01729857
0	0	0	0	1	0	Chytridiomycota	Lobulomyces angularis	RG-Euk385	SAMN01729858
0	0	0	0	1	0	Chytridiomycota	Rhizidium endosporangiatum isolate AFTOL-I	RG-Euk386	SAMN01729859
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk387	SAMN01729860
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk388	SAMN01729861
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk389	SAMN01729862
0	0	0	0	1	0	Chytridiomycota	Rhizidium endosporangiatum isolate AFTOL-I	RG-Euk390	SAMN01729863
0	0	0	0	1	0	Chlorophyta	Brachiomonas sp. MBIC10757	RG-Euk391	SAMN01729864
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk392	SAMN01729865
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk393	SAMN01729866
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk394	SAMN01729867
0	0	0	0	1	0	Neocallimastigomycota	Piromyces sp. PGL25	RG-Euk395	SAMN01729868
0	0	0	0	1	0	Chytridiomycota	Chytridiales sp. AF021	RG-Euk396	SAMN01729869
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk397	SAMN01729870
0	0	0	0	1	0	Chlorophyta	Cf. Pleurastrum sp. CCCryo 340b-08	RG-Euk398	SAMN01729871
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk399	SAMN01729872
0	0	0	0	1	0	Basidiomycota	Sporobolomyces tsugae	RG-Euk400	SAMN01729873
0	0	0	0	1	0	Chytridiomycota	Lobulomyces angularis	RG-Euk401	SAMN01729874
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk402	SAMN01729875
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk403	SAMN01729876
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk404	SAMN01729877
0	0	0	0	1	0	Chlorophyta	Tetracystis tetraspora	RG-Euk405	SAMN01729878
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk406	SAMN01729879
0	0	0	0	1	0	Ciliophora	Amphisiella magnigranulosa	RG-Euk407	SAMN01729880
0	0	0	0	1	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk408	SAMN01729881
0	0	0	0	1	0	Chlorophyta	Cf. Pleurastrum sp. CCCryo 340b-08	RG-Euk409	SAMN01729882
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk410	SAMN01729883
0	0	0	0	1	0	Chlorophyta	Chloromonas nivalis	RG-Euk411	SAMN01729884
0	0	0	0	1	0	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk412	SAMN01729885
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk413	SAMN01729886
0	0	0	0	1	0	Chlorophyta	Chloromonas nivalis	RG-Euk414	SAMN01729887
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk415	SAMN01729888
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk416	SAMN01729889
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk417	SAMN01729890

0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk418	SAMN01729891
0	0	0	0	2	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk419	SAMN01729892
0	0	0	0	1	0	Choanozoa	Sphaerothecum destruens	RG-Euk420	SAMN01729893
0	0	0	0	1	0	Heterokontophyta	Diplophrys marina	RG-Euk421	SAMN01729894
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk422	SAMN01729895
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk423	SAMN01729896
0	0	0	0	1	0	Choanozoa	Sphaerothecum destruens	RG-Euk424	SAMN01729897
0	0	0	0	1	0	Chlorophyta	Micractinium sp. CCAP 248/2	RG-Euk425	SAMN01729898
0	0	0	0	1	0	Glaucophyta	Glaucozystis nostochinearum	RG-Euk426	SAMN01729899
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk427	SAMN01729900
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk428	SAMN01729901
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk429	SAMN01729902
0	0	0	0	1	0	Chytridiomycota	Spizellomyces sp. NBRC 106283	RG-Euk430	SAMN01729903
0	0	0	0	2	0	Cercozoa	Heteromita globosa	RG-Euk431	SAMN01729904
0	0	0	0	1	0	Porifera	Hymeniacidon sinapium	RG-Euk432	SAMN01729905
0	0	0	0	1	0	Chytridiomycota	Rhizophydium elyensis isolate AFTOL-ID 693	RG-Euk433	SAMN01729906
0	0	0	0	1	0	Chytridiomycota	Rhizophydium elyensis isolate AFTOL-ID 693	RG-Euk434	SAMN01729907
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk435	SAMN01729908
0	0	0	0	2	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk436	SAMN01729909
0	0	0	0	1	0	Chytridiomycota	Oedogoniomyces sp. CR84 isolate AFTOL-ID	RG-Euk437	SAMN01729910
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk438	SAMN01729911
0	0	0	0	1	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk439	SAMN01729912
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk440	SAMN01729913
0	0	0	0	1	0	Glomeromycota	Scutellospora calospora	RG-Euk441	SAMN01729914
0	0	0	0	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk442	SAMN01729915
0	0	0	0	1	0	Chlorophyta	Choricystis sp. AS-29	RG-Euk443	SAMN01729916
0	0	0	0	1	0	Chlorophyta	Neospongiococcum gelatinosum	RG-Euk444	SAMN01729917
0	0	0	0	1	0	Basidiomycota	Corioliopsis gallica strain RLG 7630-SP	RG-Euk445	SAMN01729918
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk446	SAMN01729919
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk447	SAMN01729920
0	0	0	0	1	0	Chlorophyta	Micractinium sp. CCAP 248/2	RG-Euk448	SAMN01729921
0	0	0	0	1	0	Basidiomycota	Hymenogastraceae sp. PBM3420	RG-Euk449	SAMN01729922
0	0	0	0	1	0	Ascomycota	Bulgaria inquinans isolate 93	RG-Euk450	SAMN01729923
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk451	SAMN01729924
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk452	SAMN01729925

0	0	0	0	1	0	Rhizopoda	Vampyrella pendula	RG-Euk453	SAMN01729926
0	0	0	0	1	0	Amoebozoa	Schizoplasmodiopsis vulgaris	RG-Euk454	SAMN01729927
0	0	0	0	1	0	Ascomycota	Pyronema omphalodes	RG-Euk455	SAMN01729928
0	0	0	0	1	0	Neocallimastigomycota	Piromyces sp. PGL25	RG-Euk456	SAMN01729929
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk457	SAMN01729930
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk458	SAMN01729931
0	0	0	0	1	0	Chlorophyta	Micractinium sp. TP-2008b	RG-Euk459	SAMN01729932
0	0	0	0	1	0	Chytridiomycota	Chytridiales sp. AF017	RG-Euk460	SAMN01729933
0	0	0	0	1	0	Heterokontophyta	Diplophrys marina	RG-Euk461	SAMN01729934
0	0	0	0	1	0	Heterokontophyta	Diplophrys marina	RG-Euk462	SAMN01729935
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk463	SAMN01729936
0	0	0	0	1	0	Cercozoa	Neocercomonas sp. strain 9-4.1	RG-Euk464	SAMN01729937
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk465	SAMN01729938
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk466	SAMN01729939
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk467	SAMN01729940
0	0	0	0	1	0	Chytridiomycota	Spizellomyces sp. NBRC 106283	RG-Euk468	SAMN01729941
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk469	SAMN01729942
0	0	0	0	1	0	Chlorophyta	Chloromonas nivalis	RG-Euk470	SAMN01729943
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk471	SAMN01729944
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk472	SAMN01729945
0	0	0	0	1	0	Blastocladiomycota	Allomyces arbuscula strain Brazil 2	RG-Euk473	SAMN01729946
0	0	0	0	2	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk474	SAMN01729947
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk475	SAMN01729948
0	0	0	0	1	0	Chlorophyta	Pseudendoconionopsis botryoides	RG-Euk476	SAMN01729949
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk477	SAMN01729950
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk478	SAMN01729951
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk479	SAMN01729952
0	0	0	0	1	0	Cercozoa	Neocercomonas sp. strain 9-4.1	RG-Euk480	SAMN01729953
0	0	0	0	1	0	Chlorophyta	Neosporangiococcum gelatinosum	RG-Euk481	SAMN01729954
0	0	0	0	1	0	Cercozoa	Heteromita globosa	RG-Euk482	SAMN01729955
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk483	SAMN01729956
0	0	0	0	1	0	Cercozoa	Protaspis grandis	RG-Euk484	SAMN01729957
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk485	SAMN01729958
0	0	0	0	1	0	Blastocladiomycota	Microallomyces sp. CR74	RG-Euk486	SAMN01729959
0	0	0	0	1	0	Ascomycota	Sarcinomyces sp. MA 4760	RG-Euk487	SAMN01729960



0	0	0	0	1	0	Cercozoa	Neocercomonas sp. strain 9-4.1	RG-Euk488	SAMN01729961
0	0	0	0	1	0	Chlorophyta	Pseudendocloniopsis botryoides	RG-Euk489	SAMN01729962
0	0	0	0	1	0	Cercozoa	Capsellina sp. ATCC 50039	RG-Euk490	SAMN01729963
0	0	0	0	1	0	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk491	SAMN01729964
0	0	0	0	1	0	Basidiomycota	Wallemia sebi strain EXF-757	RG-Euk492	SAMN01729965
0	0	0	0	0	7	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk493	SAMN01729966
0	0	0	0	0	3	Cercozoa	Heteromita globosa	RG-Euk494	SAMN01729967
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk495	SAMN01729968
0	0	0	0	0	2	Arthropoda	Pemphigus betae	RG-Euk496	SAMN01729969
0	0	0	0	0	4	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk497	SAMN01729970
0	0	0	0	0	3	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk498	SAMN01729971
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk499	SAMN01729972
0	0	0	0	0	3	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk500	SAMN01729973
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk501	SAMN01729974
0	0	0	0	0	2	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk502	SAMN01729975
0	0	0	0	0	1	Basidiomycota	Sporobolomyces falcatus	RG-Euk503	SAMN01729976
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk504	SAMN01729977
0	0	0	0	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk505	SAMN01729978
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk506	SAMN01729979
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk507	SAMN01729980
0	0	0	0	0	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk508	SAMN01729981
0	0	0	0	0	2	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk509	SAMN01729982
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk510	SAMN01729983
0	0	0	0	0	1	Ascomycota	Phialocephala repens	RG-Euk511	SAMN01729984
0	0	0	0	0	2	Basidiomycota	Mastigobasidium intermedium	RG-Euk512	SAMN01729985
0	0	0	0	0	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk513	SAMN01729986
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk514	SAMN01729987
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk515	SAMN01729988
0	0	0	0	0	2	Ascomycota	Glyphium elatum	RG-Euk516	SAMN01729989
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk517	SAMN01729990
0	0	0	0	0	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk518	SAMN01729991
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk519	SAMN01729992
0	0	0	0	0	1	Basidiomycota	Sporobolomyces falcatus	RG-Euk520	SAMN01729993
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk521	SAMN01729994
0	0	0	0	0	1	Ascomycota	Delphinella strobiligena isolate AFTOL-ID 12	RG-Euk522	SAMN01729995

0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk523	SAMN01729996
0	0	0	0	0	1	Chlorophyta	Chloromonas nivalis	RG-Euk524	SAMN01729997
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk525	SAMN01729998
0	0	0	0	0	1	Basidiomycota	Leucosporidium sp. AY30	RG-Euk526	SAMN01729999
0	0	0	0	0	2	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk527	SAMN01730000
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk528	SAMN01730001
0	0	0	0	0	1	Chlorophyta	Chlamydomonas sp. CCAP 11/159	RG-Euk529	SAMN01730002
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk530	SAMN01730003
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk531	SAMN01730004
0	0	0	0	0	1	Arthropoda	Pemphigus betae	RG-Euk532	SAMN01730005
0	0	0	0	0	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk533	SAMN01730006
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk534	SAMN01730007
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk535	SAMN01730008
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk536	SAMN01730009
0	0	0	0	0	1	Basidiomycota	Sporobolomyces sp. ER2	RG-Euk537	SAMN01730010
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk538	SAMN01730011
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk539	SAMN01730012
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk540	SAMN01730013
0	0	0	0	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk541	SAMN01730014
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk542	SAMN01730015
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk543	SAMN01730016
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk544	SAMN01730017
0	0	0	0	0	1	Chlorophyta	Chlamydomonas sp. CCAP 11/159	RG-Euk545	SAMN01730018
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk546	SAMN01730019
0	0	0	0	0	1	Basidiomycota	Walleimia sebi strain EXF-757	RG-Euk547	SAMN01730020
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk548	SAMN01730021
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk549	SAMN01730022
0	0	0	0	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk550	SAMN01730023
0	0	0	0	0	1	Chlorophyta	Chlamydomonas reinhardtii strain SAG 53.72	RG-Euk551	SAMN01730024
0	0	0	0	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk552	SAMN01730025
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk553	SAMN01730026
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk554	SAMN01730027
0	0	0	0	0	1	Chlorophyta	Chlamydomonas sp. CCAP 11/159	RG-Euk555	SAMN01730028
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk556	SAMN01730029
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk557	SAMN01730030

0	0	0	0	0	1	Cercozoa	Bodomorpha minima	RG-Euk558	SAMN01730031
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk559	SAMN01730032
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC56	RG-Euk560	SAMN01730033
0	0	0	0	0	1	Chlorophyta	Chlorococcalean sp. 84/98	RG-Euk561	SAMN01730034
0	0	0	0	0	1	Chlorophyta	Chloromonas augustae	RG-Euk562	SAMN01730035
0	0	0	0	0	1	Chlorophyta	Chlamydomonas sp. CCAP 11/165	RG-Euk563	SAMN01730036
0	0	0	0	0	1	Cercozoa	Heteromita globosa	RG-Euk564	SAMN01730037
0	0	0	0	0	1	Chlorophyta	Chlamydomonas sp. CCAP 11/159	RG-Euk565	SAMN01730038
0	0	0	0	0	1	Basidiomycota	Kriegeria eriophori isolate AFTOL-ID 886	RG-Euk566	SAMN01730039
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk567	SAMN01730040
0	0	0	0	0	1	Chlorophyta	Chlorophyte sp. SA-GKS	RG-Euk568	SAMN01730041
0	0	0	0	0	1	Ascomycota	Rhinoctadiella sp. MA 4765	RG-Euk569	SAMN01730042
0	0	0	0	0	1	Chlorophyta	Chlorophyte sp. SA-GKS	RG-Euk570	SAMN01730043
0	0	0	0	0	1	Cercozoa	Bodomorpha sp. HFCC57	RG-Euk571	SAMN01730044

<sup>a</sup>Closest cultured representative as determined by BLASTn

<sup>b</sup>Representative sequence

## REFERENCES

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