531 XP 012333527.1Plasmodium fragile
532 XP 004223835.1 Plasmodium cynomolgi strain B
525 XP 002260166.1 Plasmodium knowlesi strain H
528 SGX79029.1 Plasmodium vivax
530 KMZ85046.1 Plasmodium vivax Brazil I
538 GAW82389.1 Plasmodium gonderi
515 CRH01228.1 Plasmodium relictum
542 SBS88311.1 Plasmodium malariae
535 SBT41788.1Plasmodium ovale wallikeri
517 SCM12541.1 Plasmodium chabaudi adami
521 SCM08398.1 Plasmodium chabaudi chabaudi
518 CDU19995.1Plasmodium yoelii
516 XP 008622249.1 Plasmodium vinckei vinckei
539 KNC36091.1 Plasmodium falciparum RAJ116
540 XP 001348838.2 Plasmodium falciparum 3D7
541 XP 019970026.1 Plasmodium reichenowi
99 XP 018638260.1Toxoplasma gondii ME49
104 KFH03725.1Toxoplasma gondii VAND
107 XP 008886293.1Hammondia hammondi
106 XP 003880045.1Neospora caninum Liverpool
apicomplexans
147 Chromera velia 530.t2
150 Vitrella brassicaformis 15163.t1
chromerids
511 XP 013249899.1 Eimeria acervulina
514 XP 013351861.1 Eimeria mitis
513 CDJ53523.1 Eimeria brunetti
512 XP 013332799.1Eimeria maxima
508 XP 013233659.1 Eimeria tenella
510 OEH79418.1 Cyclospora cayetanensis
apicomplexans
84 XP 003074384.1Ostreococcus tauri
87 XP 001415874.1Ostreococcus lucimarinus CCE9901
85 XP 002507094.1Micromonas commoda
86 XP 003056126.1Micromonas pusilla CCMP1545
89 XP 007511713.1Bathycoccus prasinos
green algae
78 AHI17198.1Nannochloropsis oculata
80 XP 002183067.1Phaeodactylum tricornutum CCAP 1055/1
81 GAX09673.1Fistulifera solaris
88 OEU19765.1Fragilariopsis cylindrus CCMP1102
82 XP 002296083.1Thalassiosira pseudonana CCMP1335
83 AAA81471.1Cyclotella cryptica
79 XP 005835324.1Guillardia theta CCMP2712
111 XP 009040492.1Aureococcus anophagefferens
113 XP 009038793.1Aureococcus anophagefferens
108 AHI17197.1Isochrysis galbana
112 KOO23162.1Chrysochromulina sp. CCMP291
stramenopiles and cryptophytes
91 ASA45565.1Amphidinium carterae
503 OLP78208.1Symbiodinium microadriaticum
92 OLP81638.1Symbiodinium microadriaticum
93 ASA45567.1Amphidinium carterae
dinoflagellates
1 XP 008889349.1Hammondi hammondi
4 ESS28848.1 Toxoplasma gondii VEG
7 XP 003885773.1 Neospora caninum Liverpoolerpool
apicomplexans
149 Vitrella brassicaformis 9562.t1
chromerid
6 KYF48787.1Toxoplasma gondii ARI
9 KFG64812.1Toxoplasma gondii RUB
8 XP 011132474.1 Gregarina niphandrodes
apicomplexans
148 Chromera velia 25292.t1
chromerid
12 XP 627260.1Cryptosporidium parvum Iowa
13 XP 667901.1 Cryptosporidium hominis
11 OII73799.1Cryptosporidium ubiquitum
13 XP 002142022.1Cryptosporidium muris RN66
14 OII75091.1Cryptosporidium andersoni
apicomplexans
132 XP 016682223.1Gossypium hirsutum
137 XP 017981306.1Theobroma cacao
135 XP 016707145.1Gossypium hirsutum
138 XP 011655207.1Cucumis sativus
142 XP 003526593.1Glycine max
133 XP 009369647.1Pyrus bretschneideri
139 XP 016471328.1Nicotiana tabacum
141 XP 006360278.2Solanum tuberosum
128 AIT59734.1Salvia miltiorrhiza
134 XP 021854288.1Spinacia oleracea
136 XP 010683396.1Beta vulgaris subsp. vulgaris
118 OAP15309.1 Arabidopsis thaliana
122 AKX39306.1Agrostis stolonifera
129 ACD46682.1Triticum turgidum subsp. durum
124 AFD53915.1Alopecurus japonicus
126 XP 008663055.1Zea mays
130 AHC53985.1Eleusine indica
125 EEE50826.1Oryza sativa Japonica
145 XP 008681167.1Zea mays
144 XP 001773073.1Physcomitrella patens
plants
15 XP 009534296.1Phytophthora sojae
67 CEG46394.1Plasmopara halstedii
stramenopiles (non-photosynthetic)
200 XP 005537075.1Cyanidioschyzon merolae strain 10D
rhodophyte
18 XP 006784285.1Neolamprologus brichardi
27 XP 005722275.1Pundamilia nyererei
25 XP 013130802.1Oreochromis niloticus
43 XP 015828101.1Nothobranchius furzeri
66 XP 013869847.1Austrofundulus limnaeus
65 XP 021172689.1Fundulus heteroclitus
63 XP 019956456.1Paralichthys olivaceus
205 XP 020505569.1Labrus bergylta
206 XP 018524001.1Lates calcarifer
49 XP 008280277.1Stegastes partitus
55 XP 022053949.1Acanthochromis polyacanthus
51 XP 019717012.1Hippocampus comes
64 XP 011614066.1Takifugu rubripes
68 CAG08536.1Tetraodon nigroviridis
202 NP 001131086.1Xenopus tropicalis
211 XP 005583993.1Macaca fascicularis
214 NP 001253707.1Macaca mulatta
212 XP 016787444.1Pan troglodytes
213 XP 003953108.2Pan troglodytes
116 XP 014463553.1Alligator mississippiensis
115 XP 021331875.1Danio rerio
204 XP 018569712.1Anoplophora glabripennis
72 KJZ76419.1Hirsutella minnesotensis 3608
73 XP 006968328.1Trichoderma reesei QM6a
75 KXJ94904.1Microdochium bolleyi
71 KEQ65918.1Aureobasidium melanogenum CBS 110374
76 GAQ45029.1Aspergillus niger
95 XP 001528007.1Lodderomyces elongisporus NRRL YB-4239
96 KGR01552.1Candida albicans P57072
131 BAK07316.1Hordeum vulgare subsp. vulgare
74 XP 021876087.1Lobosporangium transversale
70 OBZ91864.1Choanephora cucurbitarum
94 ORZ25473.1Absidia repens
114 OAD02851.1Mucor circinelloides f. lusitanicus
opisthokonts
0.1