



Uncultured *Microactinium* SW1-ZK [PB-SW1 symbiont] [AB206547.1]
Paramedium bursaria CCAP1660/12 symbiont [AB260894.1]

ITS2 PCR Samples

- CCAP 1660/12
- CCAP 1660/12 A
- CCAP 1660/12 B
- CCAP 1660/13 Culture
- CCAP 1660/13 Purified
- Yad1g1N

Archetypal endosymbionts

● >90% BS & 0.9 PP

1660/12 19
1660/12 19rev
10 * 1660/13 purified (K1, K2, K3, K4rev, K5, K6rev, K7rev, K8rev, K9, K10)
10 * 1660/12 (1, 2, 3, 8, 9, 10, 15, 16, 19, 19rev)
5 * 1660/12 (A1, A3, A8, A9, A10)
1660/13 purified K7
1660/13 purified K4
1660/13 purified K8
11 * 1660/12 (B3, B3rev, B12, B14, B15, B15rev, B16, B17, B18, B18rev, B20)
1660/13 purified K6
1660/12 B6
1660/12 B6rev
8 * 1660/13 culture (E3, E4, E5, E6, E7, E8, E9rev, E10rev)
1660/12 A7
1660/12 A7rev
1660/12 6
1660/12 6rev
1660/12 18
1660/12 18rev

Microactinium reisseri CCAP211/83 [Pbi] [AB506070.1]
Microactinium pusillum [FM205872.1]
Microactinium sp. TP-2008b SAG241.80 [FM205851.1]

Paramedium bursaria CCAP 1660/10 symbiont [AB260895.1]

Uncultured *Chlorella* B genes (E2y symbiont) [AB205516.1]
Chlorella variabilis B36-ZK [B36 symbiont] [AB162914.1]
Chlorella variabilis F36-ZK [F36 symbiont] [AB162914.1]
Chlorella variabilis KM2-ZK [KM2 symbiont] [AB162915.1]
5 * *Yad1g1N* (1T3, 3T3, 5T3, 7T3, 8T3)
Chlorella variabilis Dd1-ZK [Dd1 symbiont] [AB162916.1]
Chlorella variabilis So13-ZK [So13 symbiont] [AB162913.1]
Chlorella variabilis OK1-ZK [OK1 symbiont] [AB162912.1]
Chlorella variabilis NC64A [DQ0057340.1]
Chlorella variabilis CCAP 11/14 [AB201071.1]
Chlorella sp. [M861 symbiont] [AB219527.1]
Chlorella sp. [M861 symbiont] [AB219527.1]

Neyerella planktonica isolate Itas 2/24 S-12w [AY543044.1]
Dicoster acutus [FM205848.1]
Closteropsis acicularis [FM205847.1]
Parachlorella kessleri [FM205845.1]
Parachlorella hussii strain ACOI 939 [HM126551.1]

Didymogenes palatina [FM205840.1]
Didymogenes anomala [FM205839.1]
Dictyosphaerium pulchellum [AY323469.1]
Chlorella lobophora [AY323462.1]

Chlorella sorokiniana [AB231601.1]
Chlorella sp. [FRD 10.11] [AB260897.1]
Actinostromum hantzschii [AY323461.1]

Coccomyxa sp. dbA3 [DQ660909.1]
Coccomyxa alatonensis Takacova 1983/2 [AY333646.1]
Coccomyxa sp. C20 [AY293946.1]
Coccomyxa subellipsoidea SAG216-13 [AY328523.1]
Paramedium bursaria CCAP 1660/13 symbiont [AB260896.1]
Coccomyxa rayssiae SAG 216-8 [AY328524.1]
Coccomyxa chiodati [AY293861.1]
Coccomyxa sp. [AY293861.1]
Coccomyxa pelagica SAG 216-5 [AY328522.1]
Coccomyxa pelagica SAG 216-5 [AY328522.1]

Botryococcus braunii CCAP 807/1 [AJ581913.1]

'*Chlorella*' *ellipsoidea* [D13340.1]

Microthamniales outgroup