

Table S2. Accession number of the OCC clade species downloaded from the public database.

Species name	Accession number
<i>Oedogonium cardiacum</i>	ERX2100078
<i>Oedogonium foveolatum</i>	ERX2100079
<i>Chaetopeltis orbicularis</i>	ERX2100067
<i>Fritschiella tuberosa</i>	ERX2100068
<i>Stigeoclonium helveticum</i>	ERX2100071
<i>Uronema belkae</i>	ERX2100072
<i>Aphanochaete repens</i>	ERX2100073
<i>Uronema</i> sp.	ERX337133