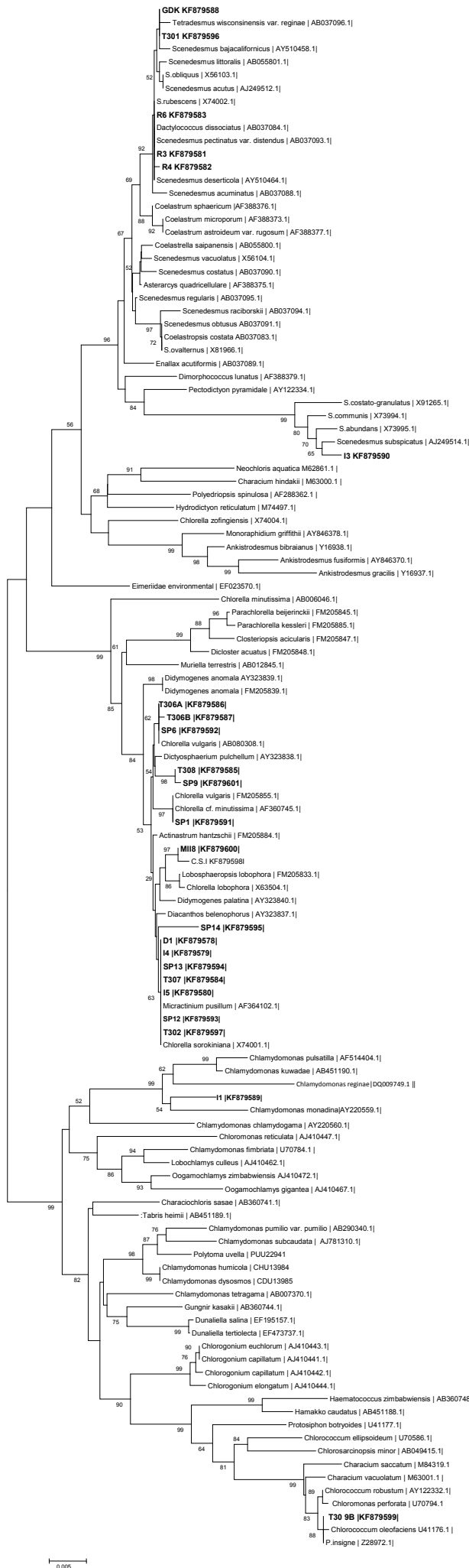




**Figure S1. Phylogenetic tree comprising the new isolates.**

22 Isolates were genetically identified on molecular level via 18S rDNA sequencing.

The algae could be assigned to belong to four different families (Scenedesmaceae, Chlorellaceae, Chlamydomonadaceae and Chlorococcaceae) and three different orders (Chlorococcales, Chlorellales and Volvocales).