

Supplementary Materials

Description of *Neochlorella semenenkoi* gen. et. sp. nov. (Chlorophyta, Trebouxiophyceae), a novel *Chlorella*-like alga with high biotechnological potential

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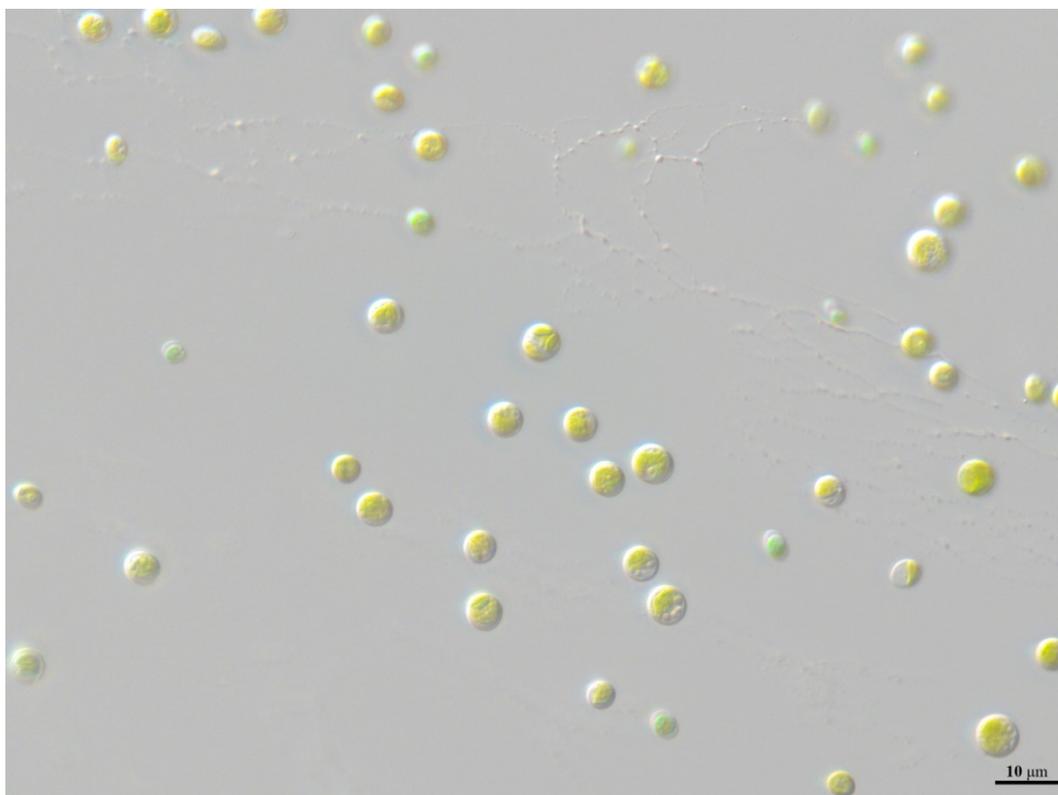


Figure S1. Cell morphology of *Neochlorella semenenkoi* IPPAS C-1210 after the grazing test: a 3-day-old culture grown in BG-11 with the phycophagous *Brachionus rotundiformis*.

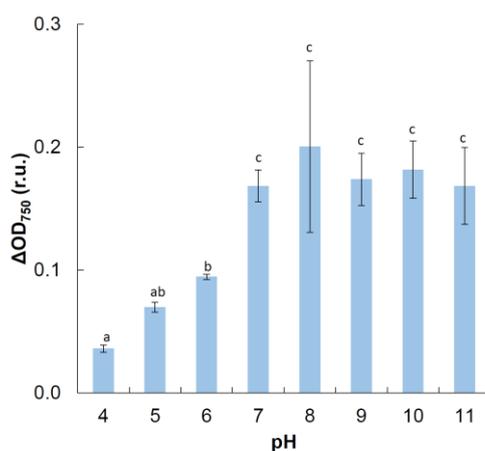


Figure S2. Growth of *Neochlorella semenenkoi* IPPAS C-1210 at different pH. Error bars show standard deviations of the mean ($n=3$). The variants with the same letter are not significantly different (one-way ANOVA analysis, post hoc Tukey HSD test; $p < 0.05$). The second experiment out of two is shown.

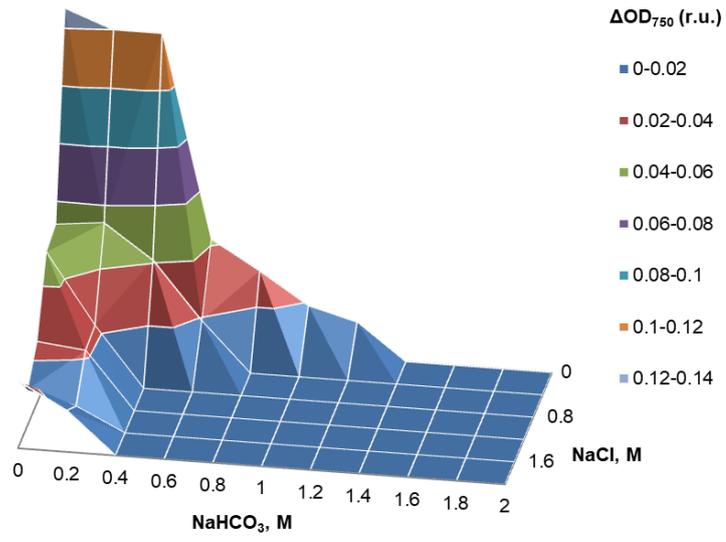


Figure S3. Growth of *Neochlorella semenenkoi* IPPAS C-1210 in the concentration matrix NaHCO₃ and NaCl. The second experiment out of two is shown.