Substantial genome size variation in algae genus *Synura*

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We thank to GAUK

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The genome size within *Synura* genus is highly flexible, ranging from 0.19 pg to 3.53 pg (0.18 Gbp - 3.45 Gbp). The *Petersenianae* section tends to have bigger genomes when compared to the section *Curtispinae*. Some lineages exhibit great intraspecific variability despite their identical ITS rDNA barcode, probably indicating cryptic diversity. In other lineages, multiple ploidy levels likely occur.