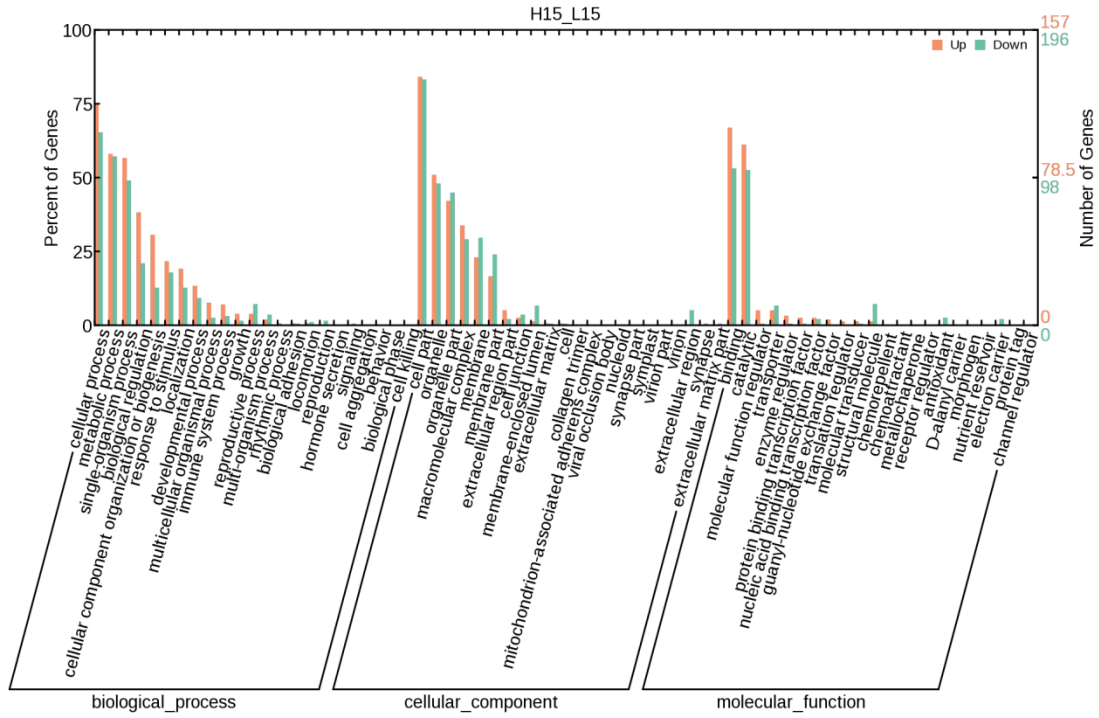


Supplementary Figure 1 The GO enrichment analysis of DEGs in the domains of biological processes, cellular components and molecular functions at 15 generation.

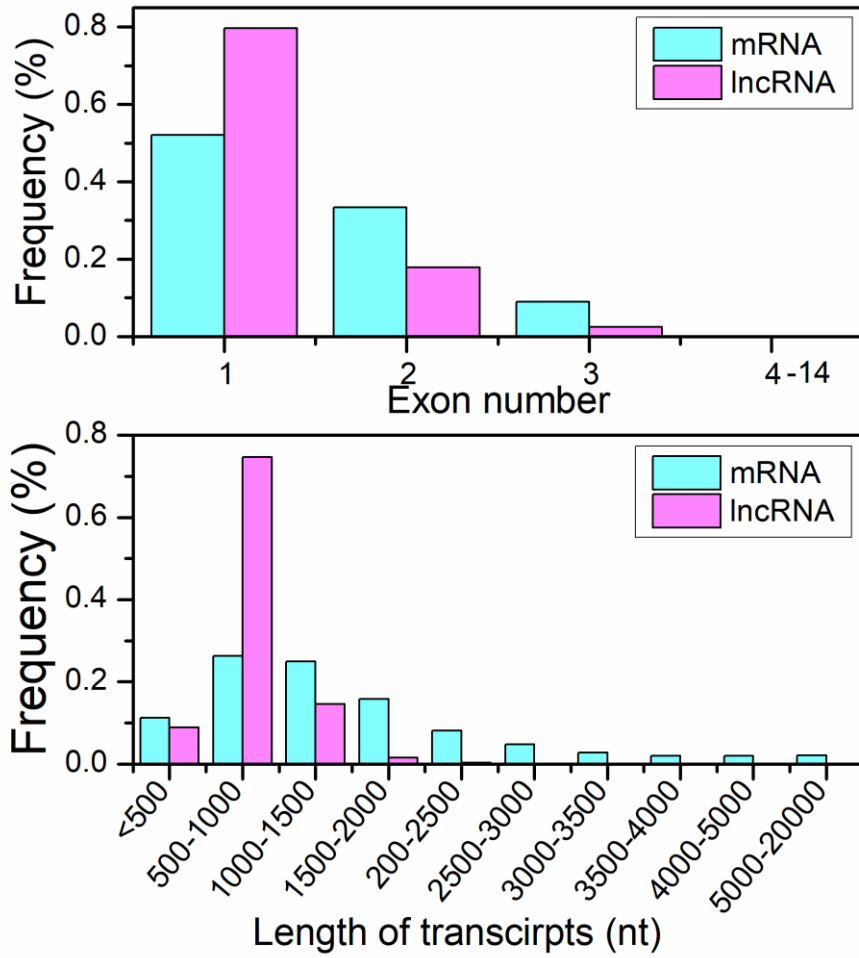
Supplementary Figure 2 Genomic structure of *P. tricornutum* long noncoding RNAs (lncRNAs). (a) Exon numbers of unspliced lincRNAs and mRNA. (b) Length distribution in nucleotides (nt) of unspliced lncRNAs and mRNAs;

Supplementary Figure 3 The comparison of expression levels of mRNA and LncRNA in HC and LC samples.

Supplementary Figure 1

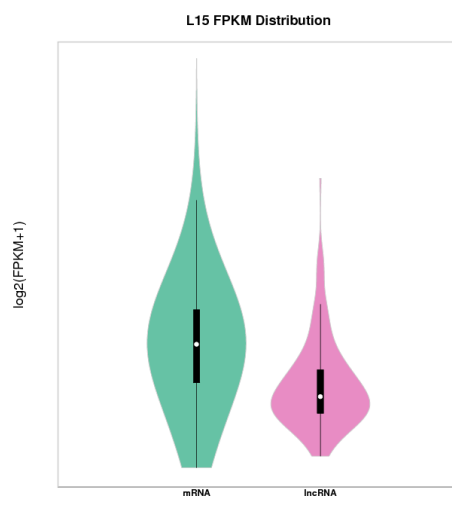


Supplementary Figure 2



Supplementary Figure 3

a



b

