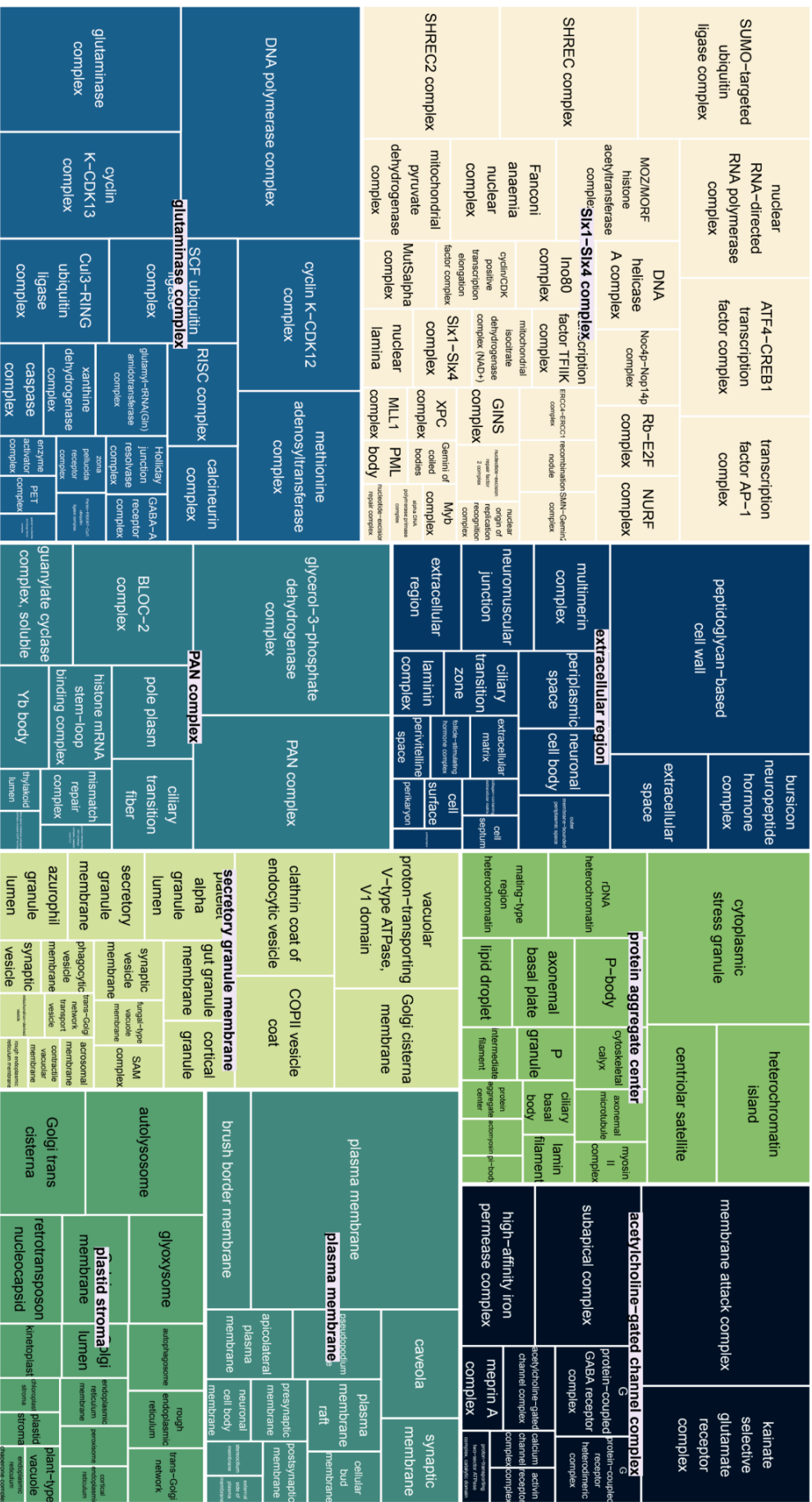
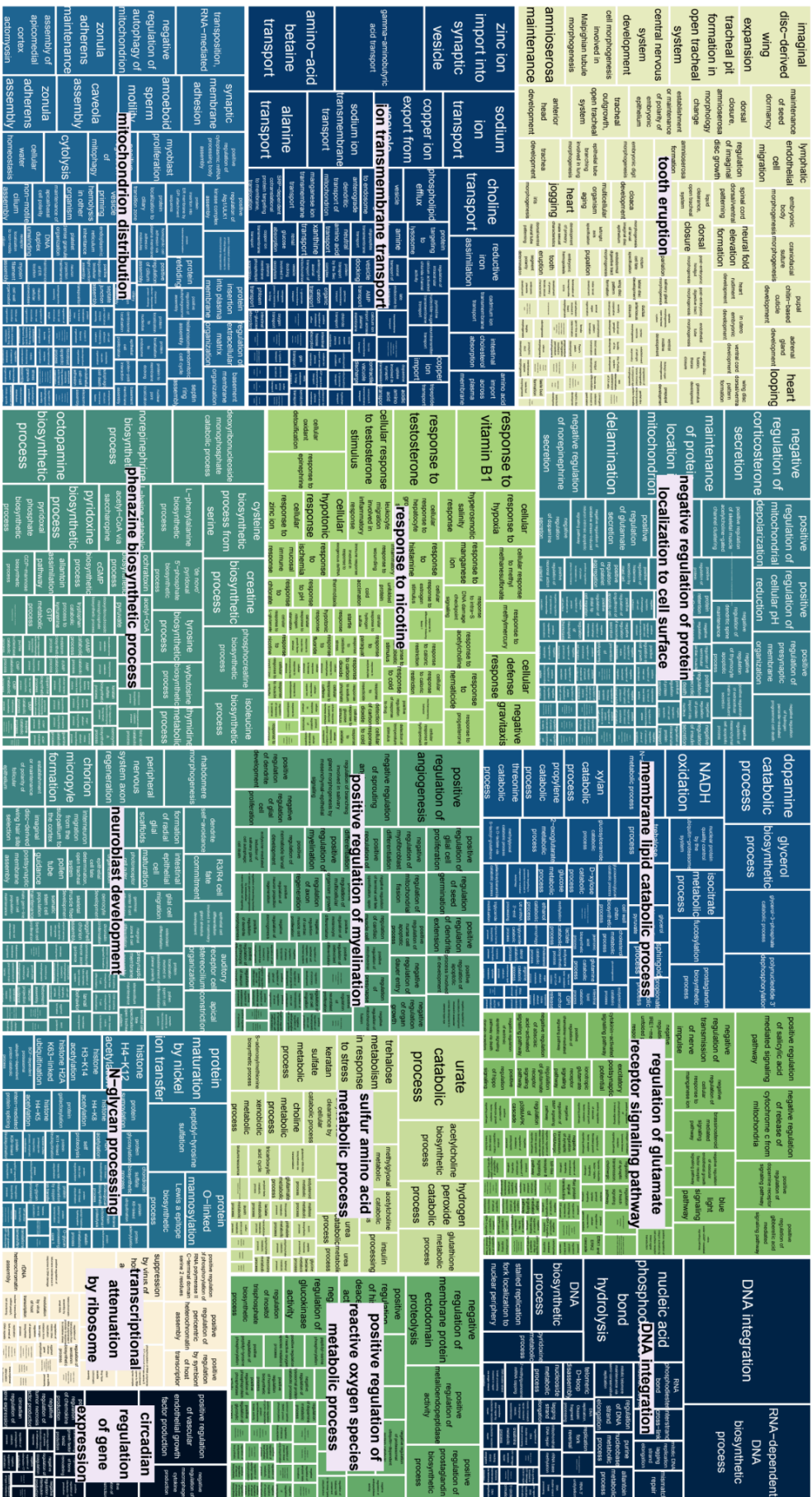


**Supplementary Data 10.** Gene Ontology (GO) enrichment of genes in HOGs lost in Clitellata. Up, treemap visualisation of all terms (CC, Cellular Component; BP, Biological Process; MF, Molecular Function). Down, bar plot of GOs enriched in functions related to cell cycle, chromatin remodelling, DNA repair and genome stability.

## TreeMap\_Enrichm\_node63\_LOST\_CC



## TreeMap\_Enrichm\_node63\_LOST\_BP



## TreeMap\_Enrichm\_node63\_LOST\_MF

