## **Supplementary material**

Fig. S1. Number of sequences with GO-terms associated with the categories biological process, molecular function, and cellular component.

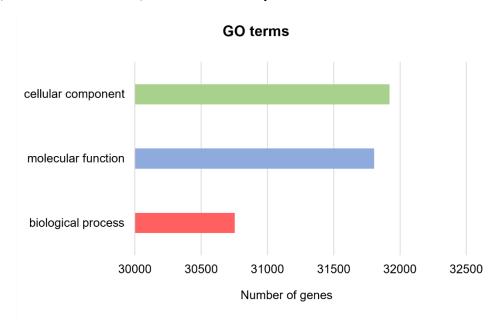
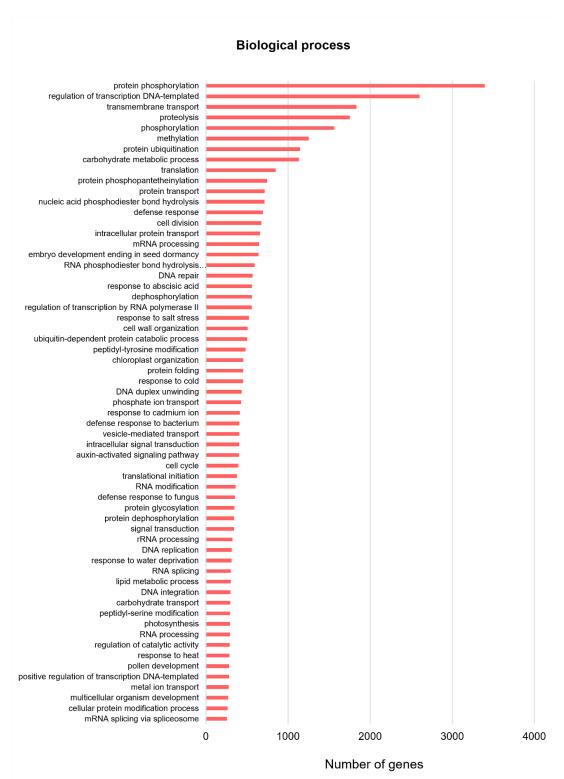


Fig. S2. Number of sequences with GO-terms associated with the biological process category.



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Fig. S3. Number of sequences with GO-terms associated with the molecular function category.

## **Molecular function**

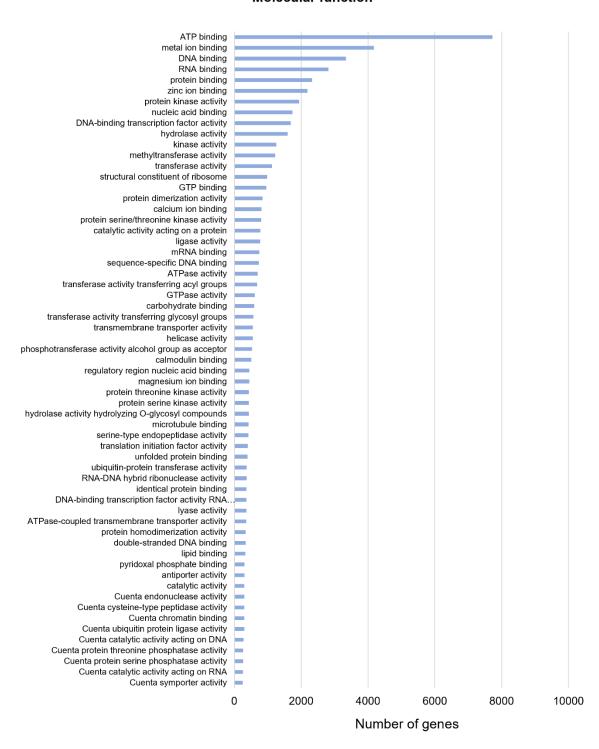


Fig. S4. Number of sequences with GO-terms associated with the cellular component category.

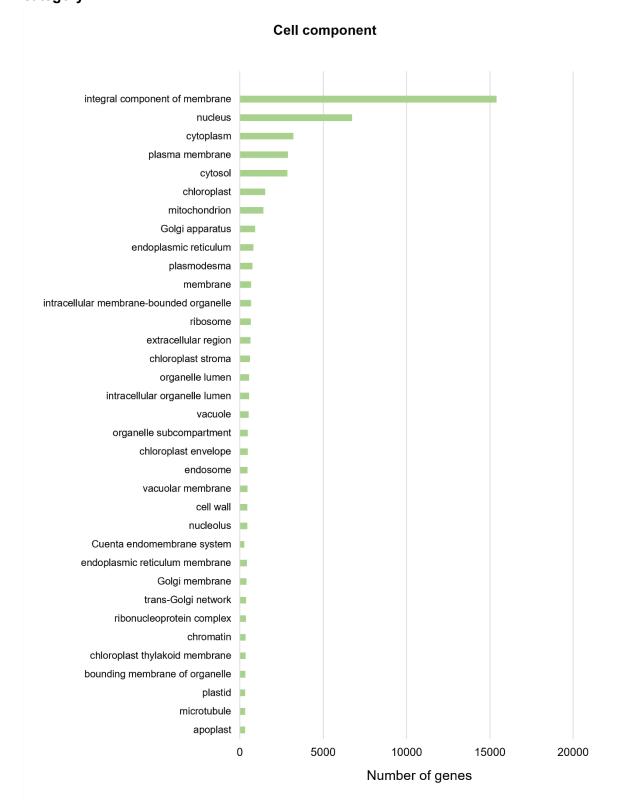


Fig. S5. Volcano plots depicting differential expression between developmental stages.

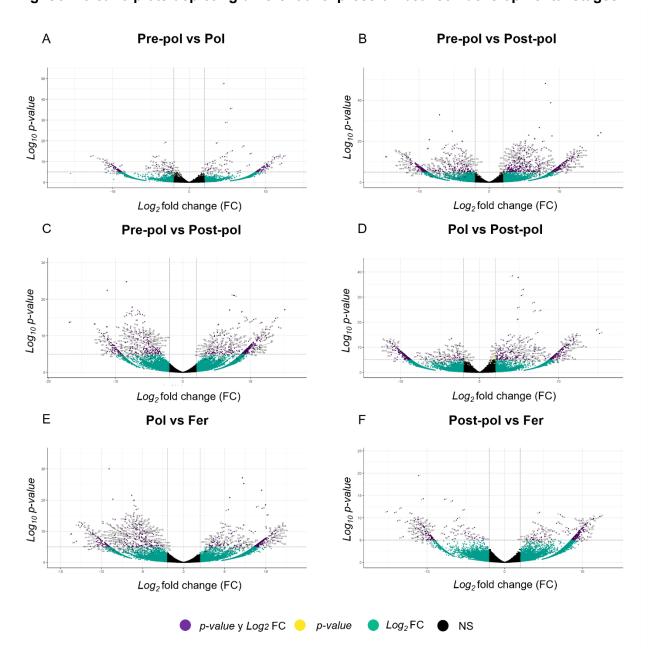


Fig. S6. Number of clusters identified using the cubic clustering criterion of Ward's minimum variance method. The blue dashed line represents the optimal number of clusters according to Ward's minimum variance method.

## **Cubic clustering criterion (CCC)**

