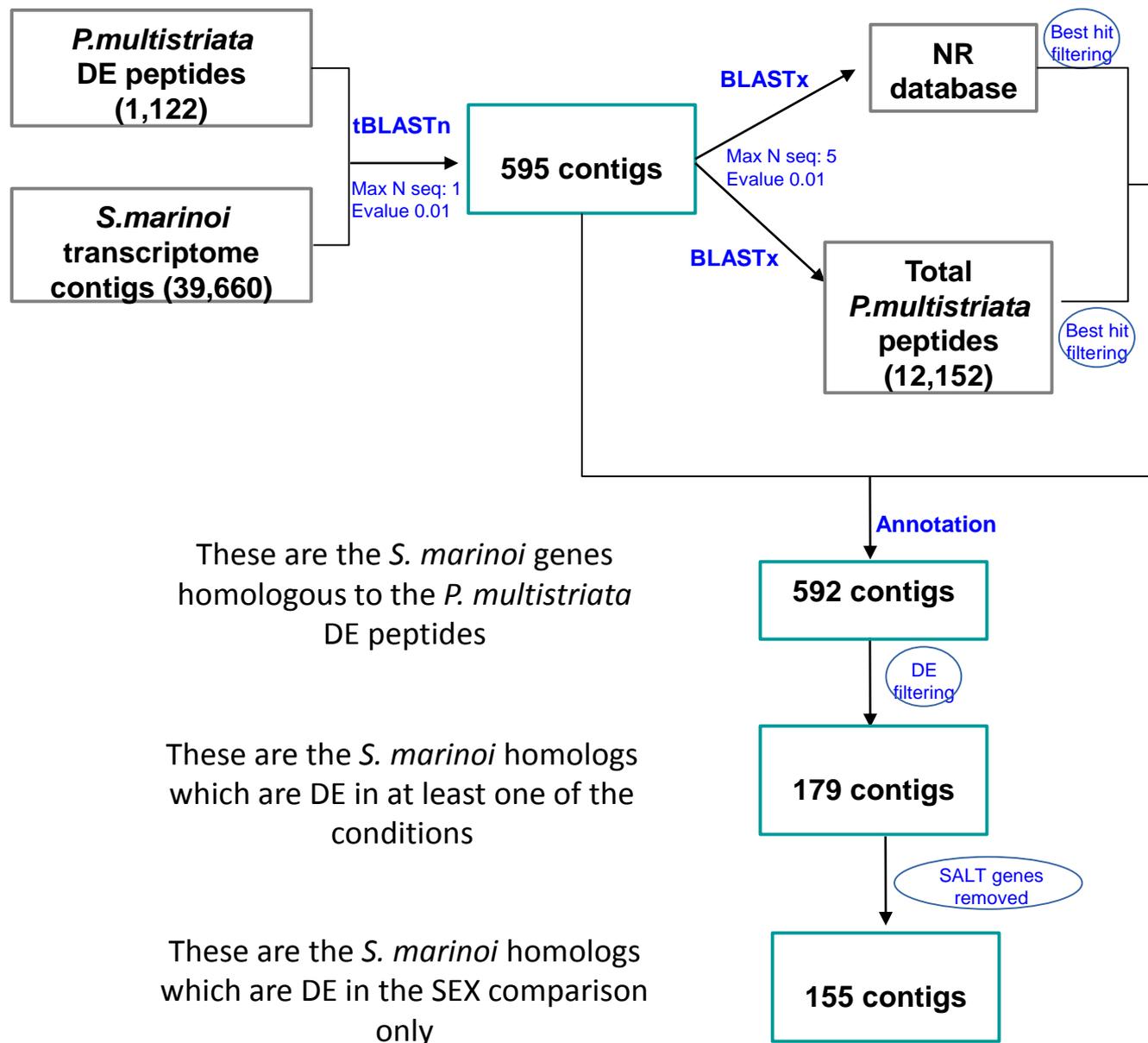
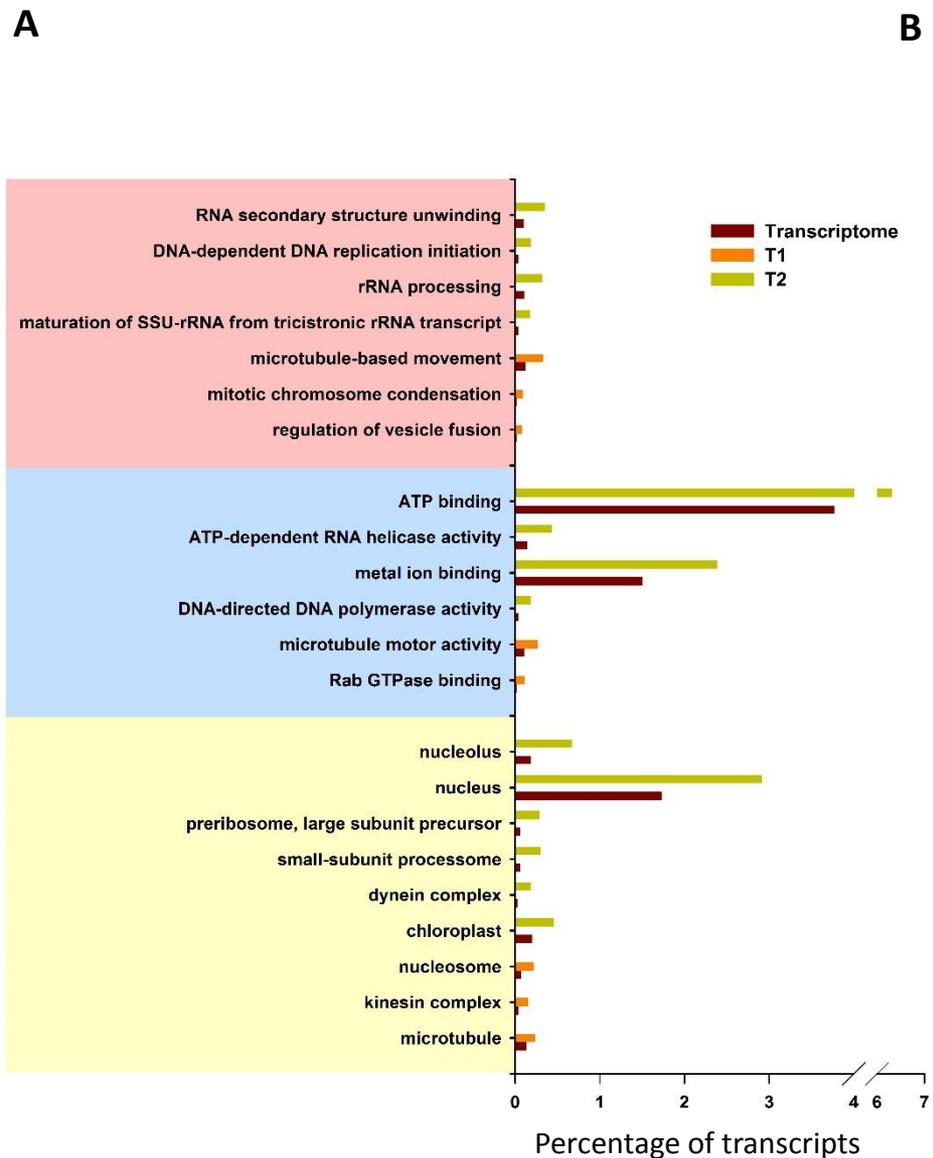


Supplementary Figure 1. Schematic representation of the comparisons made between samples in the differential expression analysis.



Supplementary Figure S2. Scheme of the workflow for the identification of *S. marinoi* transcripts homologous to *P. multistriata* sex-related genes (Basu et al., 2017) which are differentially expressed in the SEX condition. See Methods for details.



Supplementary Figure S3. Enriched GO terms for *S. marinoi* SEX (A) and SALT (B) differentially expressed genes. The pink shade highlights the Biological Process, the blue shade the Molecular Function and the yellow shade the Cellular Component categories.