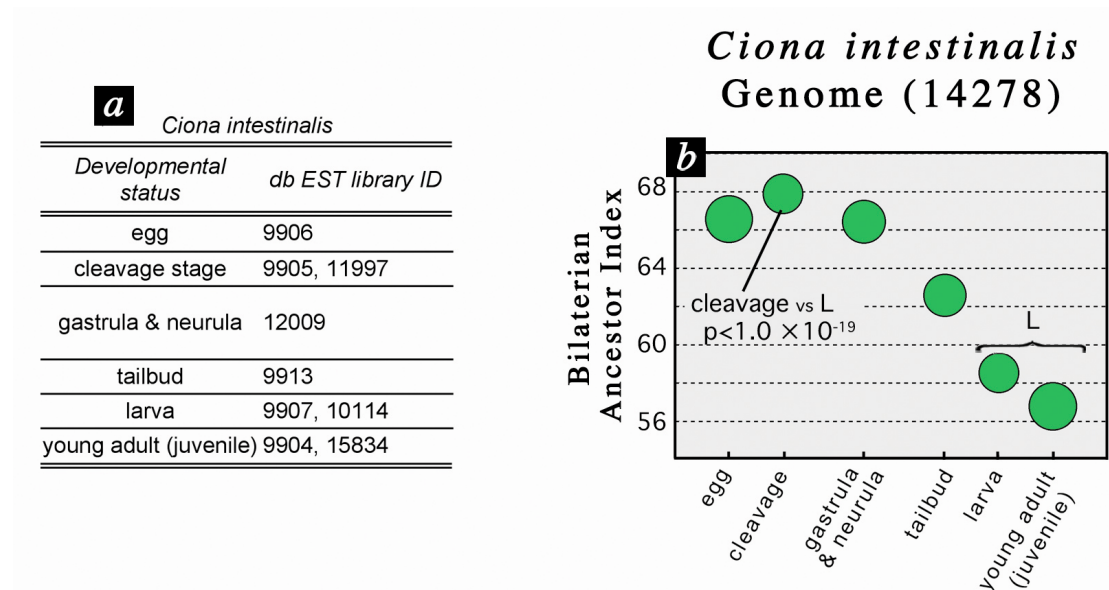




Supplementary Figure S2 Ancestor indexes obtained for genes expressed during *Ciona intestinalis* embryogenesis.

a. EST libraries used to evaluate the Ancestor Indexes of genes expressed during *C. intestinalis* embryogenesis. Each stage contained on average 58,171 EST counts (43,912–98,568), which corresponded to 2,571 (2,156–3,098) non-redundant ENSEMBL *C. intestinalis* genes. **b,** Bilateral Ancestor Indexes calculated for *C. intestinalis* embryogenesis (14,278 genes). *Bilateral genes* were defined by at least one *Ciona* homologue present in protostomes (see Fig. 1 for genome datasets). L: non-redundant gene expression profile of late stages (larval and young adult). EST, expressed sequence tag; dbEST, database EST; E, embryonic day.