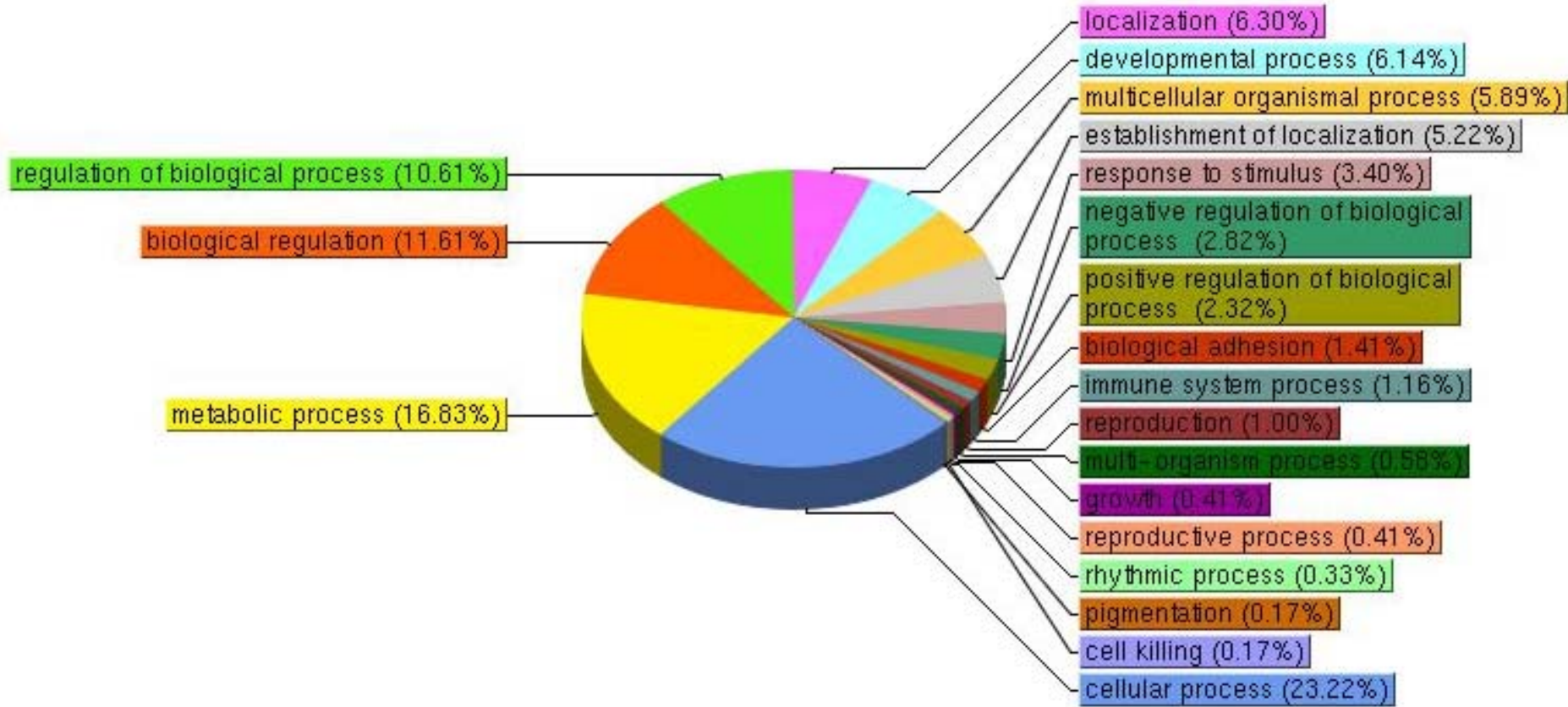


1 **Supplemental Figure 1:** Pie charts generated by the Gene Ontology function in GeneSifter
2 showing major Biological Process (**A**) and Molecular Function (**B**) ontologies that changed with loss of
3 *Meg3*. Biological Process ontologies related to cellular and metabolic processes (23.22% and 16.83%,
4 respectively) changed the most with loss of *Meg3*. Molecular Function ontologies related to binding
5 (53.75%) changed the most in *Meg3*-null embryos relative to wild-type.

Supplemental 1A



Supplemental 1B

