

## SUPPLEMENTAL FILE 1

### Maternal PAH transfer and effects on offspring of copepods exposed to dispersed oil with and without oil droplets

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#### Supplemental Files:

- Supplemental File 1 (this file): Contains Figure S1 and Figure S2
- Supplemental File 2 (separate file): Excel file (.xlsx) containing annotated lists of differentially expressed genes and associated statistics.
- Supplemental File 3 (separate file): Compressed (gzip) text file containing draft *de novo* transcriptome assembly in fasta format.

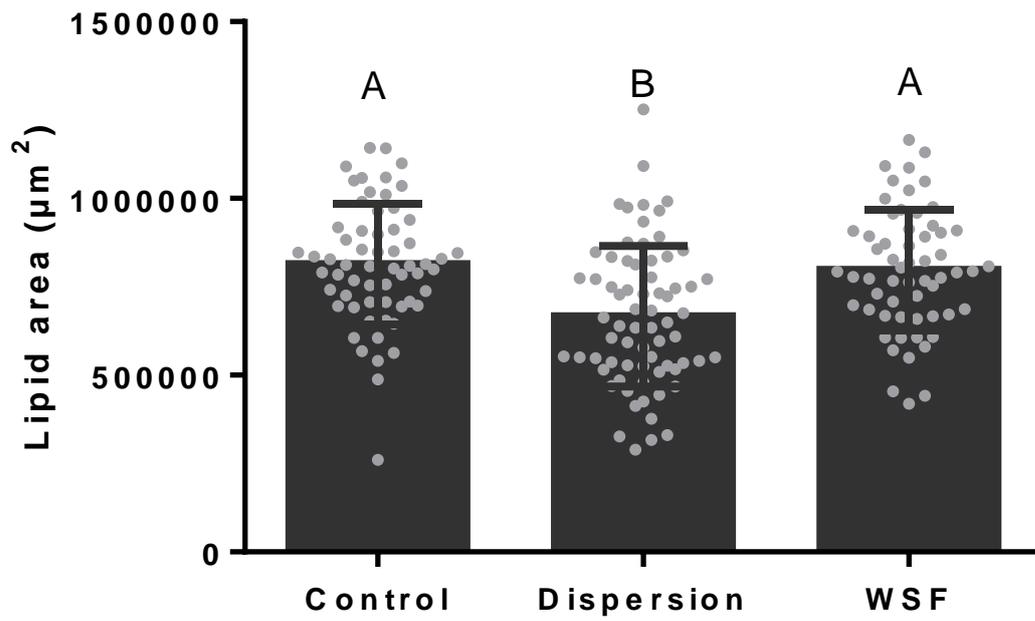


Figure S1: Projected 2D area of the lipid sac in female *Calanus finmarchicus* in the negative control series (seawater only), dispersion and WSF. The figures shows bar plot with average  $\pm$  STDEV as well as points representing all measured females (N=59-70). Letters denote significant differences between treatments  $p < 0.001$ .

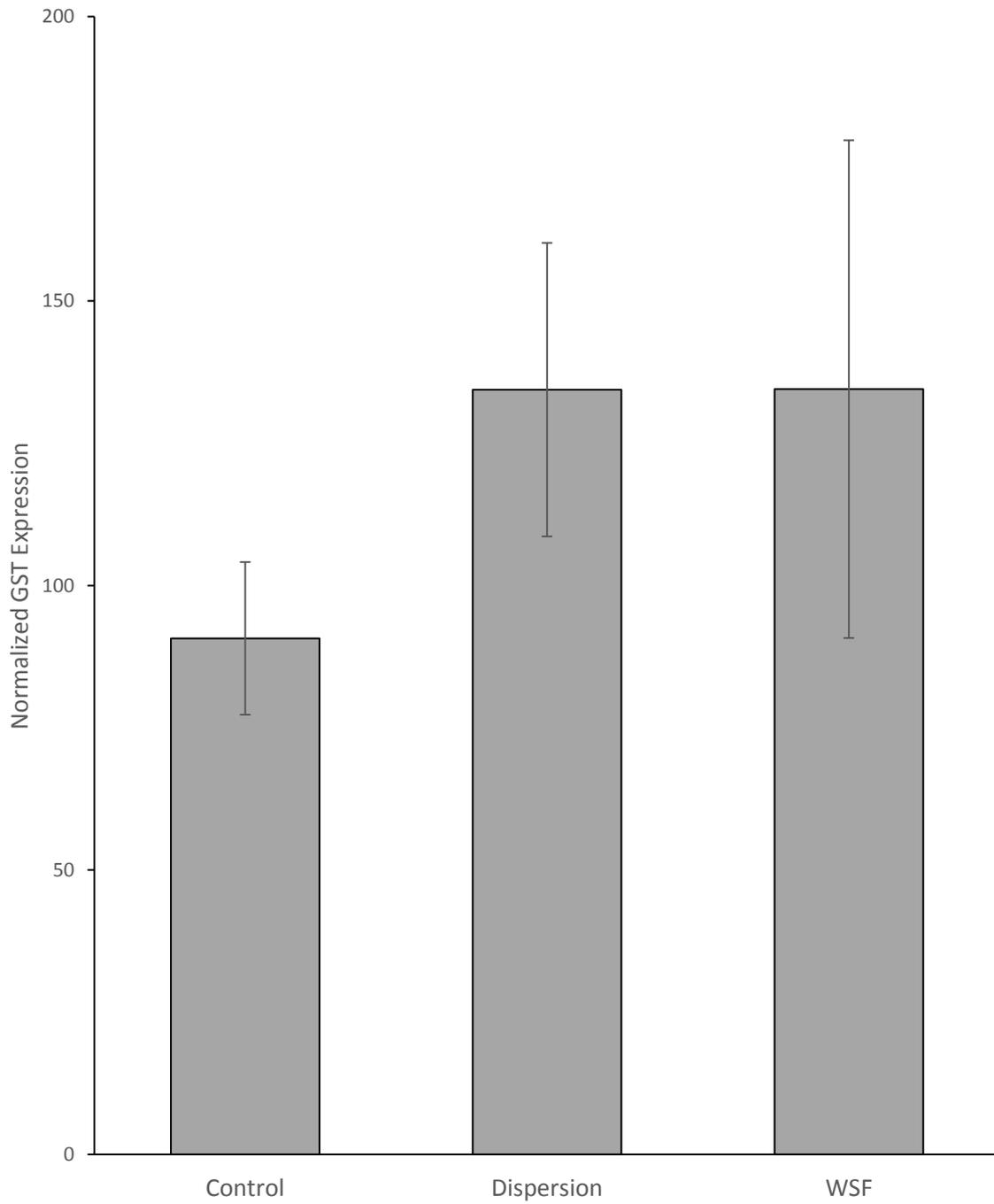


Figure S2: FPKM- and TMM-normalized GST expression (sequence c163217\_g1, within Supplemental File 3). Mean and standard error of three replicates. While there is a trend toward up-regulation in both oil treatments, the difference is not statistically significant ( $p > 0.05$ ).