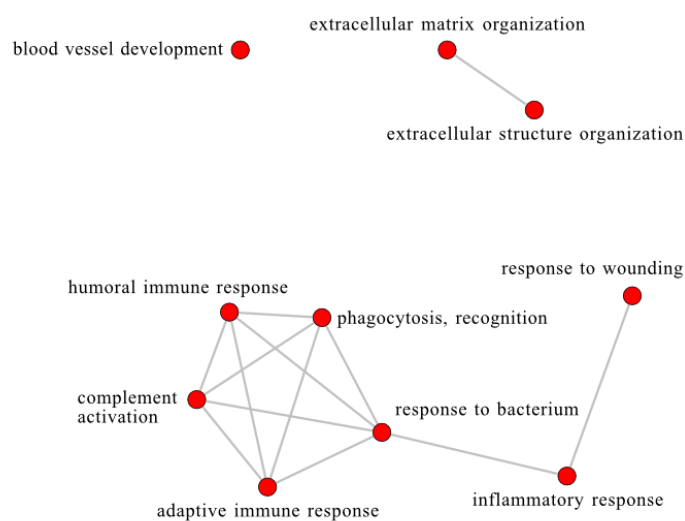
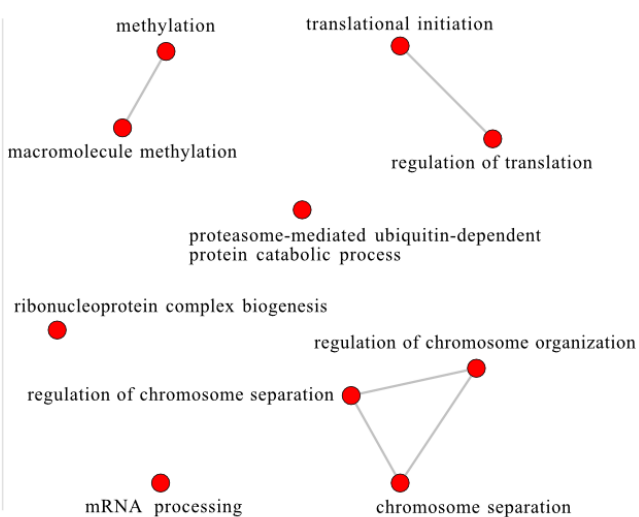


## A. High-variance genes



## B. Low-variance genes



**S2 Fig:** Gene set enrichment analyses testing for over-representation of gene ontology categories in the upper and lower 5% quantiles of the gene variance rank. (A) High-variance genes are enriched for terms related to immune function, response to wounding, blood vessel morphogenesis, and inflammatory response. In contrast, (B) low-variance genes are associated with translation, control of methylation, RNA processing, chromosome separation, and other cell housekeeping functions. All displayed terms are significant with a 5% FDR corrected p-value below  $10^{-3}$ .