



Figure S7 The distribution of E-values obtained from blastx similarity search against the UniProt protein database using the assemblies generated by three programs using the *D. v. virgifera* egg samples. The numbers of contigs are 18,173 in Mira (blue), 11,035 in Trinity (red), and 9843 in Velvet/Oasis (green). E-values are shown as $-\log_{10}(\text{E-value})$ except for E-value=0. Note that there is no significant difference between Trinity and Mira (t -test $P > 0.5$ for both E-value $\leq 10^{-100}$ and for all E-values).