

**Figure S2.** Time-dependent *SELENOO* (a) and *SELENOS* (b) transcriptional expression levels in uninfected (naïve) tick midguts and salivary gland tissues during the adult female blood meal. The change in transcriptional activity of (a) *SELENOO* and(b) *SELENOS* in *A*. *maculatum* midgut and salivary gland tissues was normalized to that of the unfed tick using *β-actin* as a reference gene.