

**Figure S1. Mean number of ASVs observed for male and female ticks across a range of sequencing depths.** For both males and females, rarefaction curves at depth from 1 to 20,000 sequences show no significant increase in the number of ASVs observed at sequencing depths beyond 8000 reads/sample (in total, 4,176,619 sequences and 1,420 unique ASVs).

