

Online Resources 2

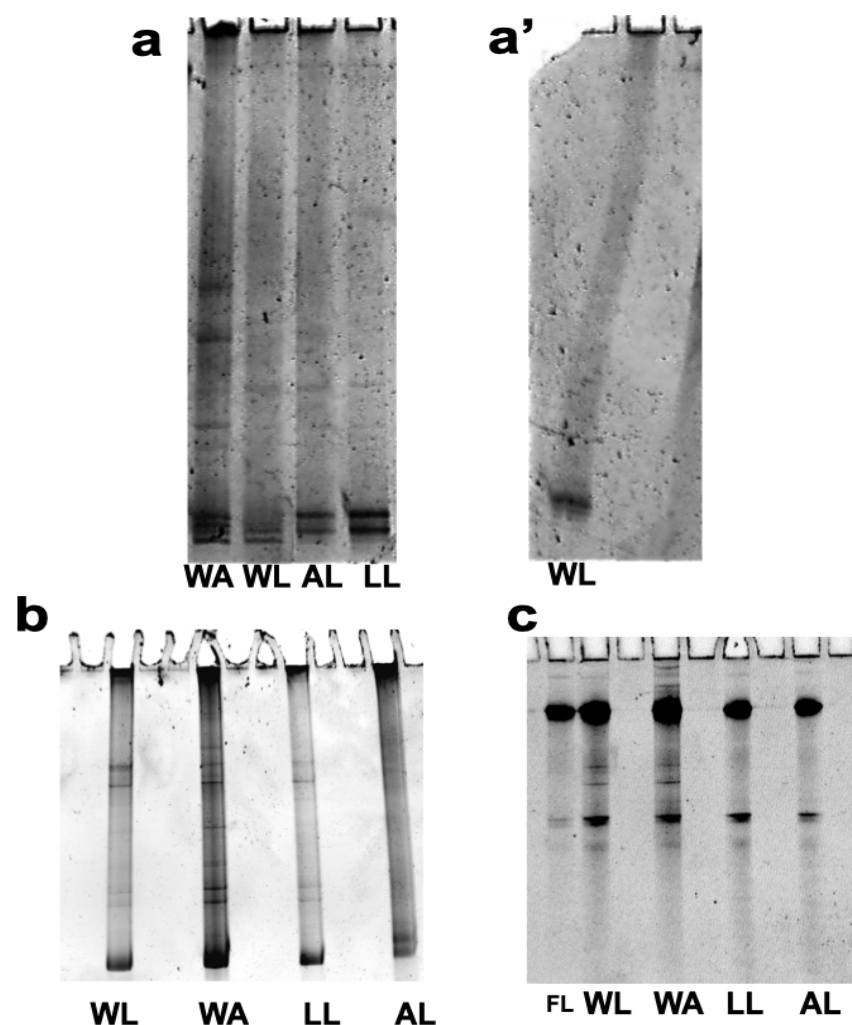
Archaea, the unseen kingdom in the gut microbiome of *Anastrepha obliqua*

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Online Resource 2 DGGE analysis of 16S biodiversity of bacteria, archaea, and fungi communities associated at the intestine of *A. obliqua*. Bisacrylamide gel showing the bands obtained from the DGGE technique on amplification of 16S sequences of bacterial and Gram-positive enriched population (A & A'), Archaea (B), and Fungi (C) are shown. Fly samples are tagged as Wild Adult (WA), Wild Larvae (WL); and Laboratory Adult (LA), and laboratory Larvae (LL). In particular, *A. obliqua* (laboratory adult) 18S-DNA amplicon from a leg (FL) was used as a control to discard bands that were also present in the FL pattern in DGGE analysis. This assay was repeated three times to ensure reproducibility. A representative image from three is shown.