



Supplementary Figure S1. Gas chromatography profile of *Protactia brevitaris*. Oleic acid was detected.

#### GC Analysis of *P. Brevitaris*

The larvae powder was subjected to GC profiling to analyze the constituents present in *P. brevitaris*. The *P. brevitaris* used in this study contained a large amount of oleic acid (suppl. Figure S1).