

**FIG S2** Host FA utilization by strain PDJ70 ( $\Delta plsX$ ). The identities of the FA in the 1- and 2-positions (blue) are shown for each molecular species (black). (A) A representative mass spectrum of the PG molecular species of strain PDJ70 ( $\Delta plsX$ ) used to inoculate the thigh grown in tryptone broth supplemented with 500  $\mu$ M 18:1. (B) A representative mass spectrum of PG molecular species from strain PDJ70 ( $\Delta plsX$ ) recovered from the thigh infection site. The PG fraction was isolated, and the mass spectrum of the sample was generated using a m/z=241 scan to detect PG molecular species containing 15:0 (See Fig. S1). The peak labeled "X" is not a PG molecular species.