

**Supplementary Materials for:**

# **Lytic polysaccharide monooxygenases as chitin-specific virulence factors in crayfish plague**

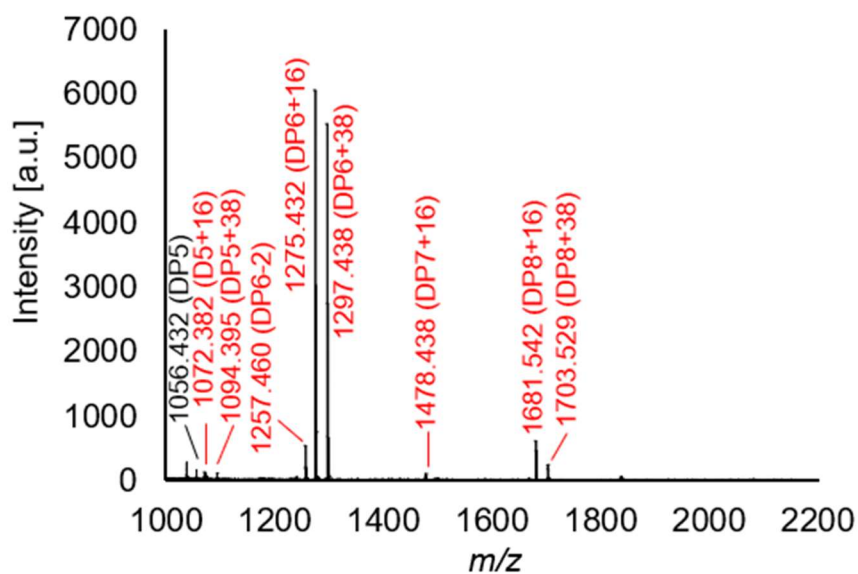
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**Figure S1. MALDI-TOF MS of activity assays of *AaAA15a* with  $\alpha$ -chitin.**

MALDI-TOF MS analysis of in vitro activity assays with purified *AaAA15A*, under the same experimental conditions as in Figure 5 e and f. The panel show the spectrum of products obtained after incubation of 4 mg mL<sup>-1</sup>  $\alpha$ -chitin with 2  $\mu$ M *AaAA15A* and 4 mM gallic acid. The main peaks correspond to mono- or di-sodiated adducts of C1-aldonic acids, imparting +16 or +38 m/z respectively, relative to the mono-sodiated unoxidized form. Native and oxidised species are marked in black and red, respectively.