

File Name: Supplementary Data 1

Description: Analysis of top 100 abundant genes in salivary glands

File Name: Supplementary Data 2

Description: Differentially expressed genes between rice plants infested by *dsGFP*-treated and *dsLsSP1*-treated *Laodelphax striatellus*

File Name: Supplementary Data 3

Description: Differentially expressed genes in wild type Nipponbare plants after infestation by *dsLsSP1*-treated *Laodelphax striatellus*

File Name: Supplementary Data 4

Description: Differentially expressed genes in *oeSP1* plants after infestation by *dsLsSP1*-treated *Laodelphax striatellus*

File Name: Supplementary Data 5

Description: Differentially expressed genes in *koOry* plants after infestation by *dsLsSP1*-treated *Laodelphax striatellus*