



Supplementary Data 3. Phylogenetic tree of MFS transporters from four beetle species. Maximum-likelihood inferred phylogeny of the predicted major facilitator superfamily (MFS) transporters (Transporter Classification Database ID 2.A.1.) identified in the *P. armoraciae* transcriptome (orange) and the genomes of *Leptinotarsa decemlineata* (light blue), *Anoplophora glabripennis* (dark blue), and *Tribolium castaneum* (grey). Bootstrap support values (1000 replicates) are indicated on the corresponding nodes. The tree was rooted with reduced folate carriers from *Homo sapiens* and *Caenorhabditis elegans* (Transporter Classification Database ID 2.A.48). The subset of the sequences used for the phylogenetic tree reconstruction in Supplementary Figure 10 is framed using a dashed line.