



File S5. A Neighbor-Joining tree of peptidase M48 family proteins (see File S4). The tree was drawn by TreeView (<http://taxonomy.zoology.gla.ac.uk/rod/treeview.html>) based on the alignment shown in File S4. The sequence data are grouped into four clades. Note that bvORF19, as well as its homologous sequences in Arabidopsis, rice, and yeast OMA1 (see File S3), belongs to a single group, tentatively named the Oma1 group.