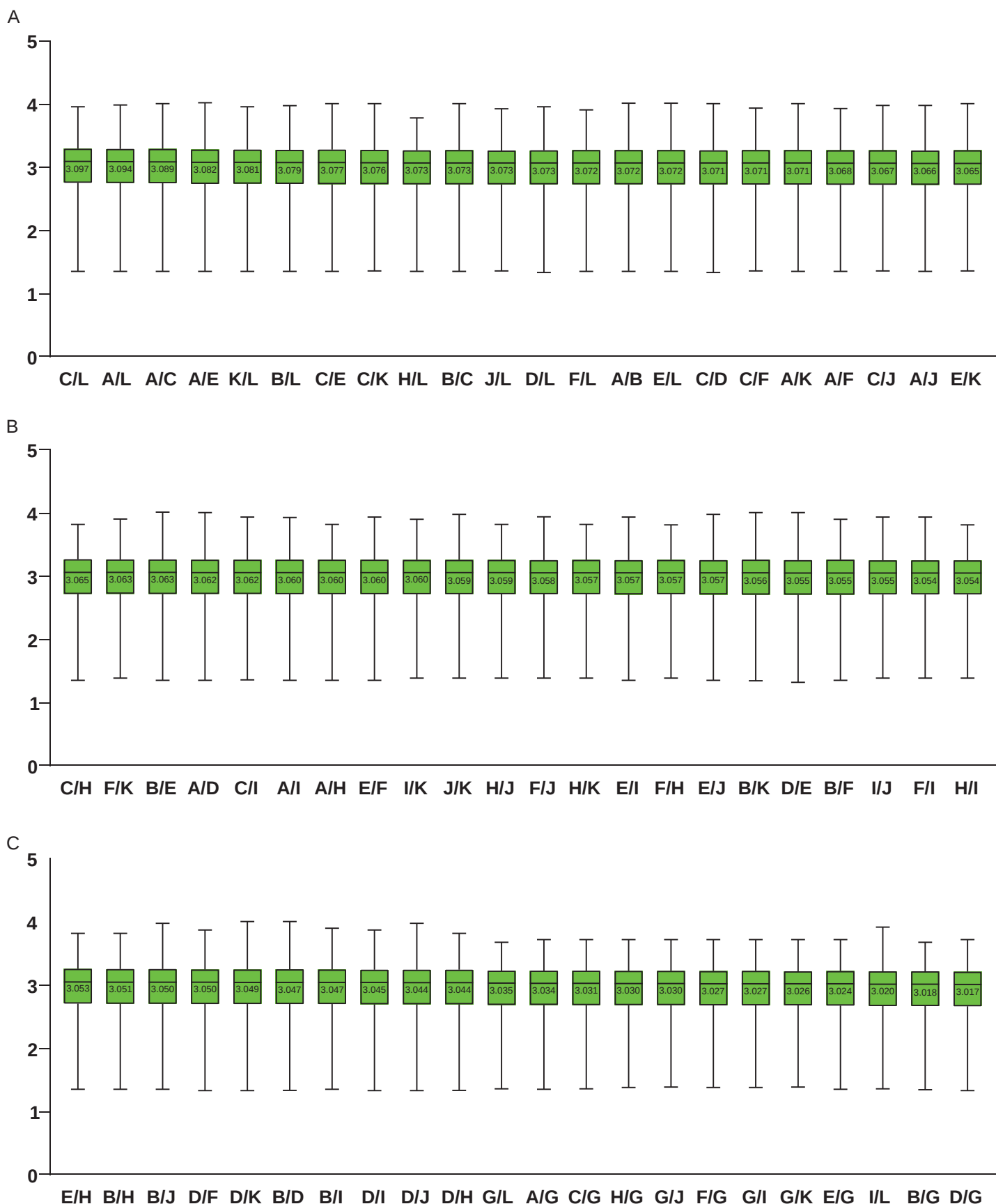




Supplementary figure 7. Box plots (A, B, C) showing protein sequence similarity comparisons among 11 *G. elata* forms and one *G. menghaiensis*. Labels A to L represent: dark green *G. elata*, dark brown *G. elata*, *G. elata* f. *glauca* (2020), *G. elata* f. *glauca* (2021), *G. elata* f. *glauca* (2018), light brown *G. elata*, *G. elata* (2022), light green *G. elata*, light red *G. elata*, *G. elata* f. *flavida*, dark red *G. elata* (this study), and *G. menghaiensis*, respectively. Each comparison (e.g., C/L) indicates a BLASTP analysis of protein sequences between varieties C and L, with bitscores tallied, de-weighted, and normalized using log10 transformation. A total of 66 comparisons is shown, sorted by the median value of similarity scores, to evaluate protein sequence similarity across the 12 *Gastrodia* accessions.