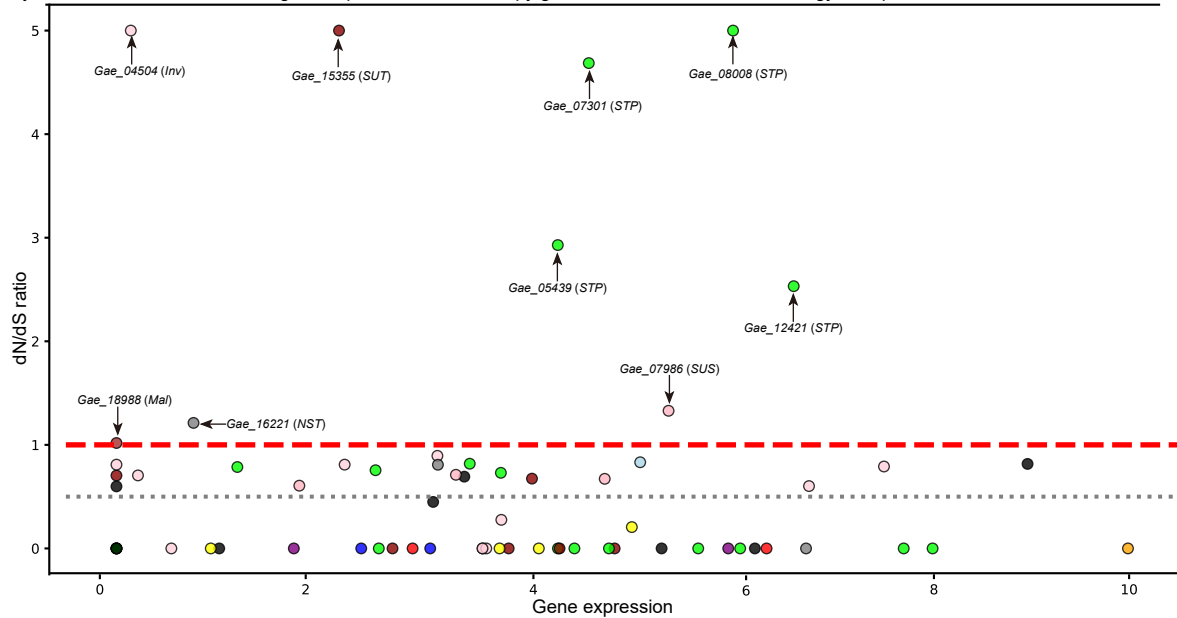
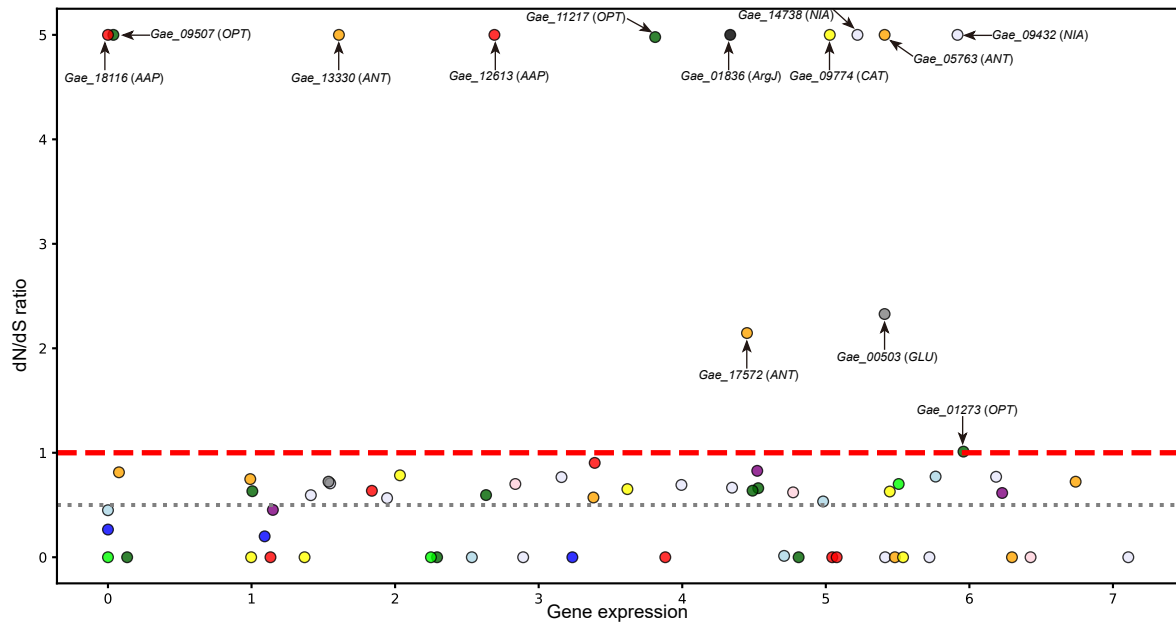


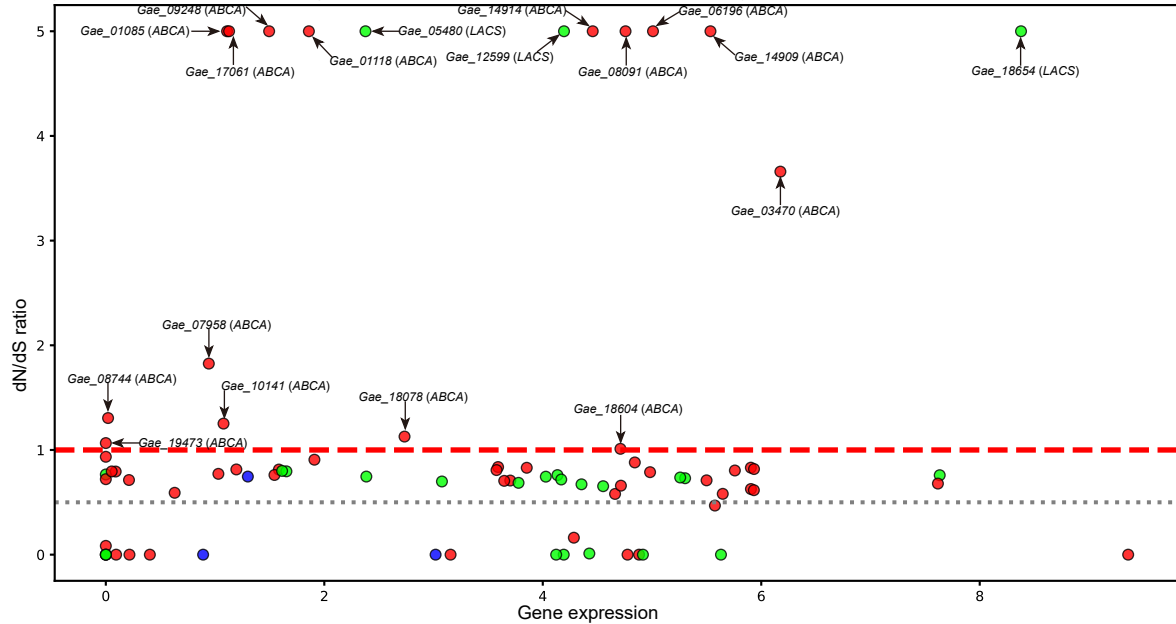
A Analysis of the correlation between gene expression levels of copy genes related to carbon and energy transport and dN/dS ratios in dark red *G. elata*



B Analysis of the correlation between gene expression levels of copy genes related to nitrogen and energy transport and dN/dS ratios in dark red *G. elata*



C Analysis of the correlation between gene expression levels of copy genes related to fatty acid transport and dN/dS ratios in dark red *G. elata*



Supplementary figure 51. Correlation between gene expression and dN/dS ratio. A: Analysis of the correlation between gene expression levels of copy genes related to carbon and energy transport and dN/dS ratios in dark red *G. elata*. B: Analysis of the correlation between gene expression levels of copy genes related to nitrogen and energy transport and dN/dS ratios in dark red *G. elata*. C: Analysis of the correlation between gene expression levels of copy genes related to fatty acid transport and dN/dS ratios in dark red *G. elata*. For all three panels, the abscissa represents the average expression level of the relevant copy genes across different developmental stages of dark red *G. elata*, and the ordinate represents the dN/dS ratio of the corresponding copy genes; a dN/dS ratio > 1 indicates that the gene is under positive selection; different gene families are distinguished by different colors.