Table A4. GSEA enrichment results of dinofuran-treated and control groups.

| Enriched canonical pathways                                      | KEGG ID | ID | PP   | PB    | PFP   | BS   | BFP   | ASR   | FDR   |
|-----------------------------------------------------------------|---------|----|------|-------|-------|------|-------|-------|-------|
| Pathway A                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway B                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway C                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway D                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway E                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway F                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway G                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway H                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway I                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway J                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway K                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway L                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway M                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway N                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway O                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway P                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway Q                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway R                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway S                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway T                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway U                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway V                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway W                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway X                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway Y                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
| Pathway Z                                                       | ID      | PP | PB   | PFP   | BS   | BFP   | ASR | FDR   |
