**Table S7. Gene Ontology enrichment analysis for differentially expressed genes downregulated in SGS compared to SNS.**

|  |  |  |  |
| --- | --- | --- | --- |
| Ontology | Term | Gene number | FDR |
| Biological process | nitrate transport | 3 | 0.0187 |
| Molecular function | ADP binding | 8 | 0.0042 |
| sucrose alpha-glucosidase activity | 3 | 0.0200 |
| double-stranded RNA binding | 3 | 0.0239 |
| protein dimerization activity | 6 | 0.0239 |
| oxidoreductase activity | 9 | 0.0239 |
| RNA helicase activity | 2 | 0.0239 |
| glutamate-ammonia ligase activity | 2 | 0.0239 |
| RNA-directed 5'-3' RNA polymerase activity | 2 | 0.0304 |