**Table S3 GO terms**

|  |  |
| --- | --- |
| **GO term description** | **Gene ID** |
| Oxidation-reduction process | *BGIOSGA000101, BGIOSGA011553, BGIOSGA016343, BGIOSGA021446* |
| Cell wall and membrane biogenesis | *BGIOSGA009099, BGIOSGA021541, BGIOSGA023124, BGIOSGA029706* |
| Transmembrane transport | *BGIOSGA004346, BGIOSGA009300, BGIOSGA031591* |
| Response to stress | *BGIOSGA009926, BGIOSGA034434* |
| Inflorescence development | *BGIOSGA006319* |
| Signal transduction- phosphorylation | *BGIOSGA034249* |