Table S2 DEGs might be involved in balancing ROS homeostasis in *OsFPFL1* transgenic lines by RNA-seq analysis

| No. | Gene ID | Annotation |
| --- | --- | --- |
| 1 | LOC\_Os01g27340 | glutathione S-transferase, putative |
| 2 | LOC\_Os10g38720 | glutathione S-transferase |
| 3 | LOC\_Os03g17480 | glutathione S-transferase |
| 4 | LOC\_Os03g57200 | glutathione S-transferase, putative |
| 5 | LOC\_Os10g38740 | glutathione S-transferase |
| 6 | LOC\_Os09g20220 | glutathione S-transferase, putative |
| 7 | LOC\_Os07g01420 | peroxidase precursor |
| 8 | LOC\_Os01g18950 | peroxidase precursor |
| 9 | LOC\_Os07g44480 | Peroxidase, putative |
| 10 | LOC\_Os01g18970 | peroxidase, putative |
| 11 | LOC\_Os10g39160 | peroxidase, putative |
| 12 | LOC\_Os07g44460 | peroxidase |
| 13 | LOC\_Os07g31610 | peroxidase, putative |
| 14 | LOC\_Os03g25320 | peroxidase, putative |
| 15 | LOC\_Os06g16350 | peroxidase |
| 16 | LOC\_Os03g25280 | peroxidase, putative |

DEGs: differentially expressed genes.