|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table S4: Key differentially expressed genes between two genotypes | | | | | |  |
| **Gene ID** | **log2FC** | | | | **Definition** | **Transcription factor** |
| BA-T1 | BA-T2 | WA-T1 | WA-T2 |
| ***isoform\_203018*** | 0.00 | 0.00 | 3.03 | 0.00 | E3 ubiquitin protein ligase COP1 | GeBP |
| ***isoform\_387283*** | 0.00 | 0.00 | –5.90 | 0.00 | Splicing factor U2AF small subunit B | C3H |
| ***isoform\_481005*** | 0.00 | 0.00 | 6.77 | 0.00 | Auxin transporter-like protein 4 | AUX1 |
| ***isoform\_716975*** | 0.00 | 0.00 | –7.00 | 0.00 | GID1b, GA receptor. | - |
| ***isoform\_564877*** | 7.25 | 0.00 | –4.48 | 0.00 | β-fructofuranosidase gene | - |
| ***isoform\_83920*** | 9.38 | 9.58 | 0.00 | 0.00 | Agamous-like MADS-box protein AGL19 | MIKC\_MADS |
| ***isoform\_526719*** | 4.48 | 7.57 | 0.00 | 0.00 | Agamous-like MADS-box protein AGL19 | MIKC\_MADS |
| ***isoform\_444580*** | 1.18 | 1.48 | 0.00 | 0.00 | Cohesin subunit RAD21-1 | MIKC\_MADS |
| ***isoform\_584330*** | 7.02 | 7.80 | 0.00 | 0.00 | protein PAF1 homolog | NAC |
| ***isoform\_396571*** | 0.00 | 0.00 | –5.68 | 0.00 | Transcription factor ABF | ABF |
| ***isoform\_453319*** | 0.00 | –5.70 | 0.00 | 0.00 | 7-deoxyloganetin glucosyltransferase | GRAS |
| ***isoform\_102916*** | 8.61 | 7.65 | –1.19 | 0.00 | NADH-like protein-encoding | NLP |