

Supplemental Table S8 Proportion of DEGs in each WGCNA module at seedling stage

| Model | Percentage (%) |
|--------------|-----------------------|
| SM1 | 2.53 |
| SM2 | 3.49 |
| SM3 | 3.34 |
| SM4 | 8.08 |
| SM5 | 1.52 |
| SM6 | 10.41 |
| SM7 | 19.44 |
| SM8 | 13.73 |
| SM9 | 44.74 |
| SM10 | 60.61 |
| SM11 | 15.27 |
| SM12 | 4.66 |
| SM13 | 2.29 |
| SM14 | 16.04 |

Supplemental Table S9 Proportion of DEGs in each WGCNA module at tuber formation stage

| Module | Percentage (%) |
|---------------|-----------------------|
| TM1 | 51.35 |
| TM2 | 18.96 |
| TM3 | 8.63 |
| TM4 | 0.00 |
| TM5 | 24.44 |
| TM6 | 35.94 |
| TM7 | 6.96 |
| TM8 | 8.35 |
| TM9 | 1.71 |
| TM10 | 11.90 |
| TM11 | 12.89 |
| TM12 | 1.32 |
| TM13 | 6.51 |
| TM14 | 8.78 |
| TM15 | 0.00 |