

Table S1 List for primer used

| Experiments              | Primer Name           | Sequences(5'-3')                                |
|--------------------------|-----------------------|---|
| qRT-PCR                  | PtDFR-qF              | GATTTTATCAGCGTCATACCACC                         |
|                          | PtDFR-qR              | TGCGAGGAACAGATGTAGCG                            |
|                          | PtANS-qF              | AGAATATATTCGGCCCCAAGAG                          |
|                          | PtANS-qR              | GACTATTTCTTCCCGGCATTTC                          |
|                          | PtUFGT-qF             | GAGTATGAAGACAGGTTGAAGAACA                       |
|                          | PtUFGT-qR             | GCTGACCGGCACAAACAC                              |
|                          | PtGTS-qF              | GCTGGATTAGGGCACTTGGT                            |
|                          | PtGST-qR              | CATCGTTTGCATGCCGACTT                            |
|                          | PpNAC25-qF            | AAGCAACTCCTCCTTTGTTTCTATG                       |
|                          | PpNAC25-qR            | CATACTTGGGTGTTGAAATTGTTGG                       |
|                          | PtACTIN-F             | AAACTGTAATGGTCCCTCCG                            |
|                          | PtACTIN-R             | GCATCATCACAATCACTCTCCGA                         |
|                          | PpACTIN-F             | GACTTCATTGGTGACAGCAGGT                          |
| PpACTIN-R                | CGGGATTTAGAGAGTGGATGC |   |
| Overexpression           | PpNAC25-SAKF          | ATCCAAAGAATTCCCCGGTACCATGGAGAGCACAGATTCATCATC   |
|                          | PpNAC25-SAKR          | CATGATCTTTGTAATCCTCGAGCTATGAATTCCAATTCATACTTGGG |
| Subcellular localization | PpNAC25-GFPF          | ATCCAAAGAATTCCCCGGTACCATGGAGAGCACAGATTCATCATC   |
|                          | PpNAC25-GFPR          | CATGATCTTTGTAATCCTCGAGTGAATTCCAATTCATACTTGGG    |
| Dual luciferase assays   | PpNAC25-SAKF          | ATCCAAAGAATTCCCCGGTACCATGGAGAGCACAGATTCATCATC   |
|                          | PpNAC25-SAKR          | CATGATCTTTGTAATCCTCGAGCTATGAATTCCAATTCATACTTGGG |
|                          | PpMYB10.1-LUCF        | ACTATAGGGCGAATTGGGTACCCCAATTGAACTACAACCTCCC     |
|                          | PpMYB10.1-LUCR        | ATCGATACCGTTCGACCTCGAGCTTCTTGTGGCCAGCGTTG       |
|                          | PpMYB10.2-LUCF        | ACTATAGGGCGAATTGGGTACCGACTGCTGTCGTGATCATGA      |
|                          | PpMYB10.2-LUCR        | ATCGATACCGTTCGACCTCGAGGTTTTCTTTTAGCCAGCGTTG     |
|                          | pSAK277-F             | CATCGAAAGGACAGTAGAAAAGG                         |
| pSAK277-R                | CATTAGAATGAACCGAAACCG |   |
| Yeast one-hybrid assays  | PpNAC-pB42AD-F        | GATTATGCCTCTCCCGAATTCATGGAGAGCACAGATTCATCATC    |
|                          | PpNAC-pB42AD-R        | GAAGTCCAAAGCTTCTCGAGCTATGAATTCCAATTCATACTTGGG   |
|                          | PpMYB10.1-placziF     | CTTGAATTCGAGCTCGGTACCCCAATTGAACTACAACCTCCC      |
|                          | PpMYB10.1-placziR     | TGCCTCGAGGTCGACCTTCTTGTGGCCAGCGTTG              |
|                          | PpMYB10.2-placziF     | CTTGAATTCGAGCTCGGTACCGACTGCTGTCGTGATCATGA       |
|                          | PpMYB10.2-placziR     | TGCCTCGAGGTCGACGTTTTCTTTTAGCCAGCGTTG            |
|                          | pB42AD-F              | GTGCCAGATTATGCCTCTCCC                           |
|                          | pB42AD-R              | GAGACTTGACCAAACCTCTGGC                          |
|                          | pLacZi-F              | GCTTGAATTCGAGCTCGGTA                            |
|                          | pLacZi-R              | GTGTGTGTAATTTGTGTTTGGC                          |

|                               |                           |   |
|-------------------------------|---------------------------|---|
| Yeast<br>two-hybrid<br>assays | PpNAC25-pBADT7F           | CGCCATATGATGGAGAGCACAGATTCATCATC                  |
|                               | PpNAC25-pBADT7R           | CGCGGATCCGATACTCGTGCATGATCCAA                     |
|                               | PpNAC25-pGBKT7F           | CTCTCAGAGGAGGACCTGCATATGATGGAGAGCACAGATTCATCATC   |
|                               | PpNAC25-pGBKT7R           | TGCTAGTTATGCGGCCGCTGCAGCTATGAATTCCAATTCATACTTGGG  |
|                               | PpNAC1-pBADT7F            | CGCCATATGTACTGCCAAAAACCCCTCAACTCTC                |
|                               | PpNAC1-pBADT7R            | CCGCTCGAGCACCAACCAAAACCATCAATCCC                  |
|                               | PpNAC25ΔN-pGBKT7F         | TCAGAGGAGGACCTGCATATGATGGAGAGCACCGACTCCTC         |
|                               | PpNAC25ΔN-pGBKT7R         | TTATGCGGCCGCTGCAGTTGATCATCCTCCTGATCATCC           |
|                               | pBADT7F                   | TTTAATACGACTCACTATAGGGC                           |
|                               | pBADT7R                   | AACTGTGCATCGTGCACCATCT                            |
| pGBKT7F                       | GTAATACGACTCACTATAGGGCGA  |   |
| pGBKT7R                       | TGACTCTTAGGTTTTAAAACGAAAA |   |
| BiFC<br>assays                | PpNAC25-ECNF              | AGTGGTCTCTGTCCAGTCCTAATGGAGAGCACAGATTCATCATC      |
|                               | PpNAC25-ECNR              | GGTCTCAGCAGACCACAAGTCTATGAATTCCAATTCATACTTGGG     |
|                               | PpNAC1-ENNF               | AGTGGTCTCTGTCCAGTCCTAATGTACTGCCAAAAACCCCTCAACTCTC |
|                               | PpNAC1-ENNR               | GGTCTCAGCAGACCACAAGTCACCAACCAAAACCATCAATCCC       |