**Table S1.** List of SNPs in the *SUI4* mapped region of Dongjin plants and *sui4* mutants.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chromosome** | **Position** | **Reference sequence nucleotide** | **Dongjin allele** | ***sui4* allele** | **Location** |
|
| chr07 | 7,001,956  | G | G | T | Intergenic  |
| chr07 | 7,001,959  | T | T | A | Intergenic  |
| chr07 | 7,265,976  | G | G | T | *Os07g0229900* intron |
| chr07 | 7,285,032  | C | C | A | Intergenic  |
| chr07 | 7,309,292  | C | C | A | Intergenic  |
| chr07 | 7,328,504  | A | A | T | Intergenic  |
| chr07 | 7,367,868  | T | T | - | Intergenic  |
| chr07 | 7,377,677  | A | A | G | Intergenic  |
| chr07 | 7,381,992  | G | G | - | *Os07g0232200* intron |
| chr07 | 7,471,002  | G | G | A | Intergenic  |
| chr07 | 7,567,079  | - | - | T | Intergenic  |
| chr07 | 7,568,170  | - | - | A | Intergenic  |
| chr07 | 7,581,480 | T | T | A | *Os07g0235800* CDS a |
| chr07 | 7,597,462  | G | G | T | Intergenic  |
| chr07 | 7,597,463  | A | A | T | Intergenic  |
| chr07 | 7,660,336  | T | T | A | *Os07g0237100* intron |
| chr07 | 7,680,581  | T | T | A | Intergenic  |
| chr07 | 7,696,080  | T | T | A | Intergenic  |
| chr07 | 7,818,571  | A | A | G | Intergenic  |
| chr07 | 7,825,151  | C | C | A | *Os07g0240300* intron |
| chr07 | 7,825,152  | A | A | T | *Os07g0240300* intron |
| chr07 | 8,099,960  | A | A | T | Intergenic |

a This SNP causes amino acid substitution from serine to threonine.