**Table S15** Chromosomal location and sequence size of *Ghd7*-related genes.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Gene region | Orthologous regions in the four species | | | | |
|  |  | *O. sativa* L. ssp. *japonica* | *B. distachyon* | *S. bicolor* | *Z. mays* |
| *Ghd7* | Chromosome No. | chr7 | chr 1 | chr 2 | chr 2 |
| Position | 8851000\_9404000 | 51390000\_51531100 | 9880000\_12000000 | 167800000\_168300000 |
| Bradi3g10010 | Chromosome No. | chr 2 | chr 3 | chr 4 | chr 5 |
| Position | 9400000\_9900000 | 7927490\_8417490 | 12450000\_14000000 | 134020000\_137620000 |
| Sb06g000570 | Chromosome No. | chr 4 | chr 5 | chr 6 | chr 10 |
| GRMZM2G381691 | Position | 170000\_649000 | 2150000\_2500000 | 920000\_6420000 | 93830000\_94330000 |
| *O. brachyantha* (FF) sequence from unpublished data. | | | | | |