**Table S1**. Classification of different substitution types in the total and unique SNPs detected in TXBN and TXHH.

|  |  |  |  |
| --- | --- | --- | --- |
| **Rice cultivars** | **Transition** | **Transversion** | **Ts/Tv** |
| A ↔ G | C ↔ T | G ↔ T | A ↔ C | A ↔ T | G ↔ C |
| **Total SNPs** |
| TXBN |  472,032  |  473,411  |  101,404  |  101,905  |  109,609  | 72,461 | 2.453 |
| TXHH |  411,704  |  412,779  |  88,787  |  89,755  |  95,322  | 62,425 | 2.452 |
| **Unique SNPs** |
|  TXBN  |  23,115  |  23,292  |  5,137  |  5,179  |  5,845  |  3,940  |  2.309  |
|  TXHH  |  15,553  |  15,547  |  3,245  |  3,396  |  3,712  |  2,452  |  2.429  |