**Table S3. Summary of BS-seq datasets of green and yellow leaves of Haishun2 tea mutant**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sample name | Raw reads | Raw bases(G) | Clean reads | Clean bases(G) | Q20(%) | Bisulphite conversion rate(%) |
| Green1 | 423407873 | 127.02 | 414181774 | 118.92 | 93.62 | 99.879 |
| Green2 | 429747337 | 128.92 | 424138203 | 121.79 | 94.47 | 99.873 |
| Green3 | 384480316 | 115.34 | 376412200 | 106.86 | 92.65 | 99.853 |
| Yellow1 | 371681570 | 111.50 | 366475832 | 105.28 | 94.42 | 99.862 |
| Yellow2 | 372299709 | 111.69 | 367080615 | 105.43 | 94.40 | 99.869 |
| Yellow3 | 408092312 | 122.43 | 402463829 | 115.59 | 94.41 | 99.872 |