**Supplemental Table S1: Presence and absence of telomere repeat and STA repeats in the sorghum genome.**

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| --- | --- | --- | --- | --- |
| **Chromosome** | **CCCTAAA repeat at beginning?** | **TTTAGGG repeat (reverse complement of CCCTAAA) at end?** | **STA at beginning?** | **STA at end?** |
| 1 | yes | yes | yes; distant from end | yes; distant from end |
| 2 | no; only STA is present | yes | yes | no |
| 3 | yes | no; though a TATG(80) repeat is present | no | no |
| 4 | yes | yes | yes | yes |
| 5 | yes | yes | yes | yes |
| 6 | no | yes | no | no |
| 7 | yes | yes | yes | yes |
| 8 | no | yes | yes; distant from end | yes |
| 9 | yes | no | yes | yes |
| 10 | yes | yes | yes | yes; distant from end |