**Table S1. Genotypes and Flowering dates of sorghum lines.**

|  |  |  |
| --- | --- | --- |
| **Sorghum Genotype** | **Maturity Loci** | **Days to Flowering (LD) \*** |
| BTx623 | *ma1Ma2Ma3Ma4Ma5ma6* | 71 |
| R.07007 | *Ma1ma2Ma3Ma4ma5Ma6* | 95 |
| F1 | *Ma1Ma2Ma3Ma4Ma5Ma6* | >160 |
| 100M | *Ma1Ma2Ma3Ma4Ma5ma6* | 126 |
| 90M | *Ma1Ma2ma3Ma4Ma5ma6* | 97 |
| 58M | *Ma1Ma2ma3RMa4Ma5ma6* | 62 |

\* Days to Flowering (LD) are determined in greenhouse LD (14h light/10h dark) condition.