**Table Supplementary S3** Putative single nucleotide polymorphism coordinates for the partial sequences of three candidate anthracnose resistant loci in sorghum.

|  |  |  |  |
| --- | --- | --- | --- |
| Candidate Genes and SNP Coordinate a |  |  | Amplicon of 699 bp b |
| *Sobic.09G013000* | *Sobic.09G013100* | *Sobic.09G013300* | BTx623 a |  | Ethiopian and SAP c |
| S9\_1134908 | S9\_1156835 | S9\_1175714 | G |  | A/G |
| S9\_1134923 | S9\_1156850 | S9\_1175729 | C |  | C/A |
| S9\_1134947 | S9\_1156874 | S9\_1175753 | A |  | A/G |
| S9\_1134964 | S9\_1156891 | S9\_1175770 | G |  | G/A |
| S9\_1135069 | S9\_1156996 | S9\_1175875 | G |  | G/A |
| S9\_1135124 | S9\_1157051 | S9\_1175930 | C |  | C/T |
| S9\_1135126 | S9\_1157053 | S9\_1175932 | A |  | A/G |
| S9\_1135139 | S9\_1157066 | S9\_1175945 | T |  | T/G |
| S9\_1135165 | S9\_1157092 | S9\_1175971 | G |  | G/T |
| S9\_1135178 | S9\_1157105 | S9\_1175984 | C |  | C/T |
| S9\_1135213 | S9\_1157140 | S9\_1176019 | G |  | G/A |
| S9\_1135221 | S9\_1157148 | S9\_1176027 | G |  | G/C |
| S9\_1135250 | S9\_1157177 | S9\_1176056 | G |  | A/G |
| S9\_1135271 | S9\_1157198 | S9\_1176077 | C |  | C/A |
| S9\_1135339 | S9\_1157266 | S9\_1176145 | A |  | A/C |
| S9\_1135368 | S9\_1157295 | S9\_1176174 | C |  | C/T |
| S9\_1135435 | S9\_1157362 | S9\_1176242 | A |  | A/C |

a Sorghum genome reference V.3 ([www.phytozome.com](http://www.phytozome.com))

b The amplicon includes the 3 genes (i.e. 6 alleles) produced with the forward (TTCATCTGCAGGGGTTTAGG) and reverse (GTCATGGCAAATGTGTTTGG) primers with an annealing temperature of 600C.

c Sequencing analysis based on 70 accessions from NPGS Ethiopian germplasm collection and 26 accessions from sorghum association panel (SAP).