**Supplementary Table 9.** Nucleotide sequence of the SNP and DArT markers flanking the major locus (*Co-Realce*) controlling anthracnose resistance in the Andean common bean cultivar BRSMG Realce.

|  |  |  |  |
| --- | --- | --- | --- |
| Marker | Position on Pv04 | Polymorphisma | Sequence |
| snp12782b | 1,182,123 | 39:C>T | C/T | TGCAGGGTCTGATGCTATAAAATTCTATAACTTGTCATA**[C/T]**ATAAATCAAAATGTCATGAAAATCATGAA |
|  |
| snp3308 | 505,696 | 45:C>T | C/T | TGCAGGTTCTGCAAACAACATGCTCTCTACTCACCATGTCTCAGA[**C/T]**GCAAATAAATTCATCAAGGACTT |  |
|  |
| dart9817 | 485,246 | - | 0/1 | TGCAGTAGAGATAATCTTTATTAGATAAACTGTAGTGGTAAAAGGAAAATCCTAGAAATTACAGATCGG |  |
|  |
| snp1327 | 477,285 | 68:T>C | T/C | TGCAGATCTGAAAAAACAAACATTCAGAACTGAATCACAGATTCCTCAACCCTATGTTTGAAATTGTT**[T/C]** |  |
|  |

aThe allele associated with anthracnose resistance is underlined; 0 – absence, and 1 – presence. bFor snp12782, the alignment at the common bean reference genome v2.1 (Phytozome-*Phaseolus vulgaris* v2.1) should be made with the reverse complement sequence.