Supplementary Table 6. Nucleotide sequence flanking the SNPs associated with bacterial leaf streak (BLS) resistance in the hard winter wheat association mapping panel (HWWAMP).

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| **SNP Marker** | **QTL** | **Nucleotide Sequence** |
| BS00084995\_51 |  | TGACAACAACTTTGGAGTTCAAGGCGTTAATAAGAGATACGACAACTGCA**[G/T]**CAAGGAAGGTTATAACAATGCGTTTGGATTCGATAGCATAACTAAGACAT |
| Ku\_c17846\_363 |  | CTGGTCACTTCTTAATAGCGTCACCCGGTTGTACCTGGCATTCTCCAATA**[C/T]**TGATGAGGGAACCTTTTCATGTCTGTGTGTGTTACGTGCTCTAAGCACCC |
| IWA7541 |  | TCAAATTCATCACTGGCTAAAGCCATGCTAATTGCTTCATCCATTGAGCTTTTGTAATCATCGGTTAGCACACTGTCAAGTCCCAGATCATTTGTTTCAG**[A/G]**ATTAAGATGATTATCACCTACAGATTGCAGAATAGAAAGCACATCCTCCAAATAGAAAGTTTTGACCGGATAGGTATGGCCTGGGACTCGAATAACCGGG |
| IAAV1943 |  | ATTGACAGAGAGGAAGCGAAGCTAAAGAATGGTGGAGCGTGAGACAGATGATGGTGATGAACAATTGATTAGACCACTGCAAATTTACCCATTCTTATTA**[C/T]**TTATAAGGGAGTCTACATCCTGAAATTATGGTAGGACAGAGCTCATCTAGGTATTT |
| tplb0032m13\_1358 |  | CTGCTTATGAACCCTCTTAACATCCCCAGCTCCGGGCGCCATTTCTACCT**[C/T]**GCCGTTGACCGCCTCCAGTTCAAGATGAGGACACTACTGGAGCTCCTAGG |